

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061839.D
 Acq On : 17 Jun 2020 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 18 03:50:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	178141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	274217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139466	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	116609	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
35) Dibromofluoromethane	7.54	113	99953	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
50) Toluene-d8	10.06	98	395738	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.37	95	140063	55.09	ug/l	0.00
Spiked Amount			Recovery	=	110.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	130477	56.254	ug/l	97
3) Chloromethane	2.03	50	127276	51.473	ug/l	98
4) Vinyl Chloride	2.16	62	158685	53.832	ug/l	99
5) Bromomethane	2.53	94	110061	48.621	ug/l	99
6) Chloroethane	2.67	64	104314	52.288	ug/l	99
7) Trichlorofluoromethane	2.98	101	198172	56.282	ug/l	99
8) Diethyl Ether	3.37	74	64315	54.333	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	100471	55.619	ug/l	98
10) Methyl Iodide	3.91	142	121739	55.219	ug/l	99
11) Tert butyl alcohol	4.72	59	72915	220.548	ug/l	99
12) 1,1-Dichloroethene	3.69	96	99087	54.744	ug/l	93
13) Acrolein	3.56	56	47467	240.223	ug/l	98
14) Allyl chloride	4.27	41	129781	54.025	ug/l	98
15) Acrylonitrile	4.92	53	200961	245.316	ug/l	99
16) Acetone	3.77	43	202490	286.932	ug/l	100
17) Carbon Disulfide	4.00	76	286136	54.028	ug/l	99
18) Methyl Acetate	4.27	43	95815	47.159	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	318012	52.769	ug/l	98
20) Methylene Chloride	4.50	84	111901	48.670	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	110995	53.389	ug/l	99
22) Diisopropyl ether	5.90	45	290422	52.861	ug/l	99
23) Vinyl Acetate	5.84	43	1132946	262.188	ug/l	99
24) 1,1-Dichloroethane	5.79	63	188724	52.474	ug/l	99
25) 2-Butanone	6.78	43	263591	256.006	ug/l	98
26) 2,2-Dichloropropane	6.77	77	166808	55.128	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	127259	53.050	ug/l	100
28) Bromochloromethane	7.14	49	87494	54.638	ug/l	100
29) Tetrahydrofuran	7.16	42	161029	237.644	ug/l	99
30) Chloroform	7.32	83	195579	50.883	ug/l	100
31) Cyclohexane	7.61	56	163125	51.812	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	171733	52.462	ug/l	99
36) 1,1-Dichloropropene	7.75	75	151063	56.200	ug/l	99
37) Ethyl Acetate	6.87	43	108979	51.919	ug/l	99
38) Carbon Tetrachloride	7.73	117	147331	55.349	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	177413	61.296	ug/l	99
40) Benzene	8.00	78	447283	54.932	ug/l	100
41) Methacrylonitrile	7.12	41	45712	50.928	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	149072	53.694	ug/l	100
43) Isopropyl Acetate	8.12	43	189154	53.473	ug/l #	91
44) Trichloroethene	8.80	130	119170	55.612	ug/l	98
45) 1,2-Dichloropropane	9.08	63	110942	55.443	ug/l	99
46) Dibromomethane	9.17	93	76312	54.157	ug/l	98
47) Bromodichloromethane	9.37	83	158153	54.813	ug/l	98
48) Methyl methacrylate	9.16	41	83959	52.192	ug/l	99
49) 1,4-Dioxane	9.16	88	38340	1038.092	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	546356	261.370	ug/l	99
52) Toluene	10.12	92	293467	57.388	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	176947	57.769	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	191983	57.706	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	111366	55.351	ug/l	99
56) Ethyl methacrylate	10.40	69	152734	49.715	ug/l	98
57) 1,3-Dichloropropane	10.68	76	184785	54.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	257176	242.195	ug/l	99
59) 2-Hexanone	10.72	43	409111	245.244	ug/l	99
60) Dibromochloromethane	10.87	129	123613	55.060	ug/l	98
61) 1,2-Dibromoethane	10.98	107	112646	53.618	ug/l	99
64) Tetrachloroethene	10.60	164	101870	58.286	ug/l	96
65) Chlorobenzene	11.40	112	317549	54.880	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	114818	56.896	ug/l	100
67) Ethyl Benzene	11.48	91	564133	58.150	ug/l	100
68) m/p-Xylenes	11.59	106	445195	119.009	ug/l	100
69) o-Xylene	11.92	106	210017	58.839	ug/l	99
70) Styrene	11.94	104	359843	60.210	ug/l	99
71) Bromoform	12.10	173	82703	56.206	ug/l #	99
73) Isopropylbenzene	12.22	105	558368	56.340	ug/l	100
74) N-amyl acetate	12.04	43	174232	48.634	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	156375	48.531	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	197765	72.228	ug/l #	100
77) Bromobenzene	12.50	156	135176	54.064	ug/l	97
78) n-propylbenzene	12.56	91	646456	57.166	ug/l	100
79) 2-Chlorotoluene	12.65	91	371674	54.724	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	470819	57.422	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	52967	52.761	ug/l	99
82) 4-Chlorotoluene	12.75	91	393659	56.093	ug/l	100
83) tert-Butylbenzene	12.97	119	388378	55.873	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	470522	58.134	ug/l	99
85) sec-Butylbenzene	13.15	105	528142	58.049	ug/l	99
86) p-Isopropyltoluene	13.26	119	486724	60.036	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	251006	55.042	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	252620	54.119	ug/l	99
89) n-Butylbenzene	13.59	91	404605	59.758	ug/l	99
90) Hexachloroethane	13.85	117	81897	55.185	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	238658	54.362	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26671	50.987	ug/l	99

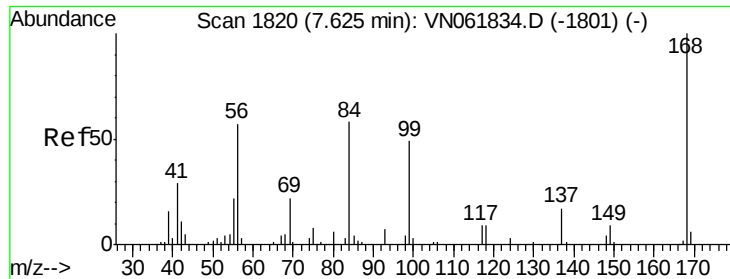
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	123717	59.720	ug/l	99
94) Hexachlorobutadiene	14.98	225	45580	55.863	ug/l	98
95) Naphthalene	15.10	128	339940	49.071	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	118561	57.788	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

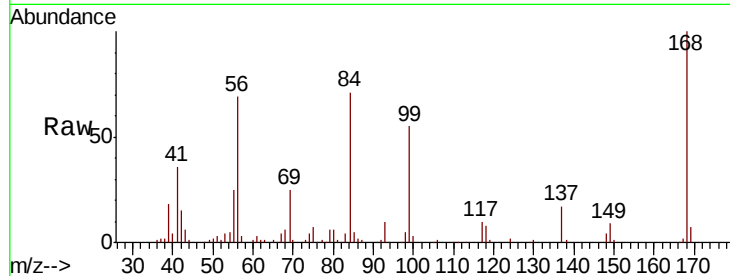
VSTDCCC050

Tot Ion:168 Resp: 178141

Ion Ratio Lower Upper

168 100

99 55.0 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

60000

40000

20000

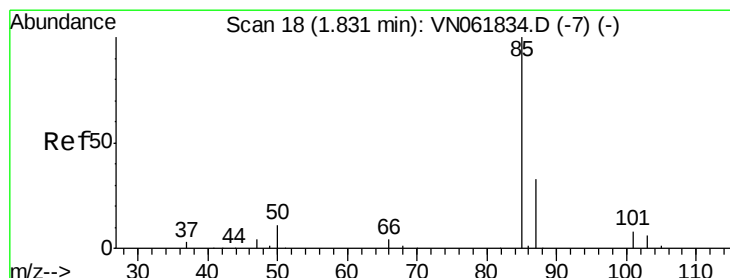
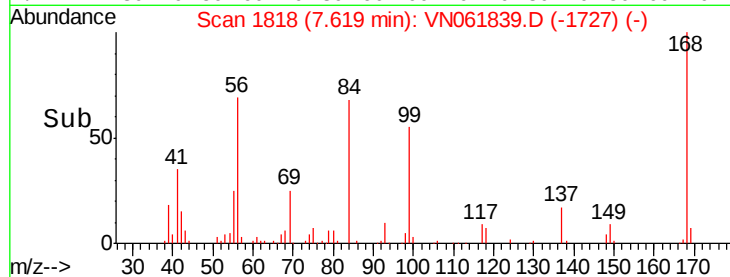
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 56.254 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061839.D

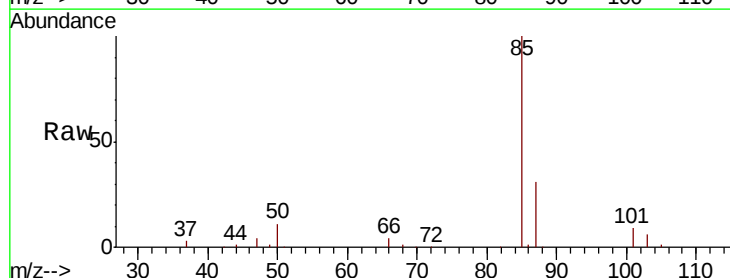
Acq: 17 Jun 2020 11:04

Tgt Ion: 85 Resp: 130477

Ion Ratio Lower Upper

85 100

87 31.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

40000

20000

0

1.75

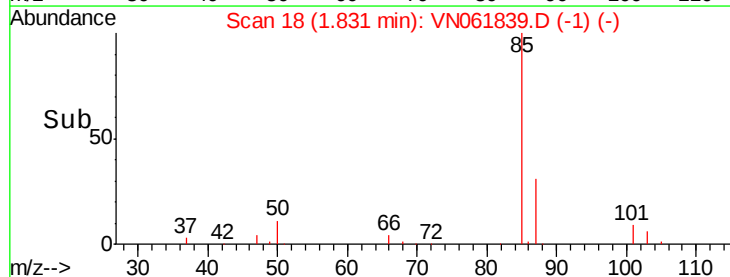
1.80

1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 51.473 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

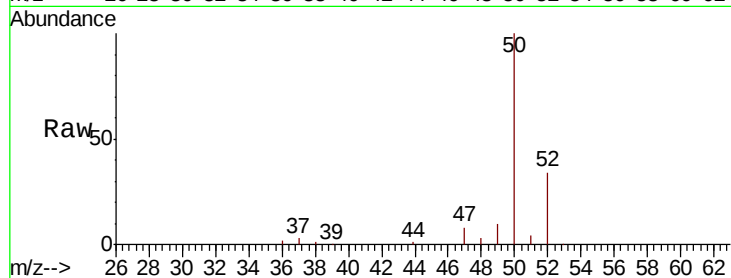
VSTDCCC050

Tot Ion: 50 Resp: 127276

Ion Ratio Lower Upper

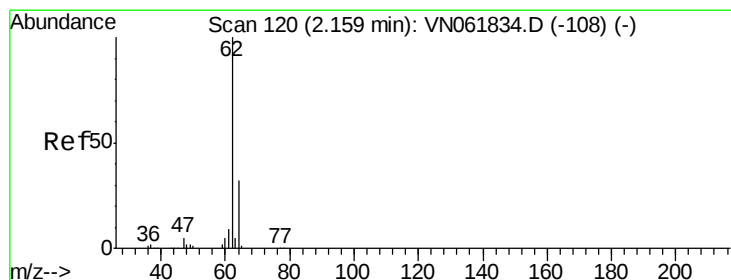
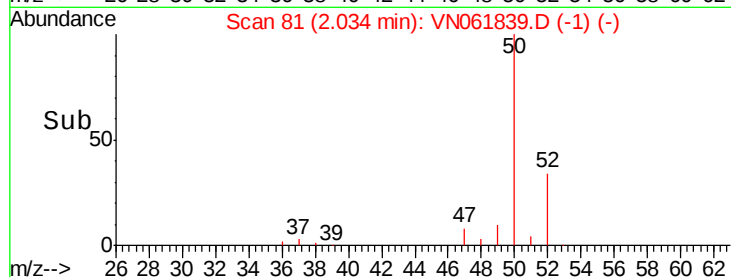
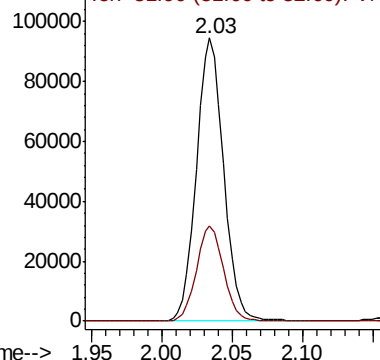
50 100

52 33.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 53.832 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061839.D

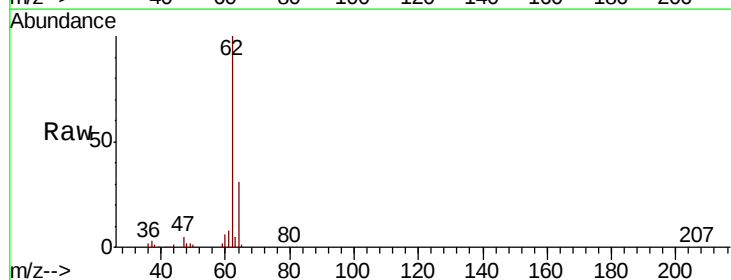
Acq: 17 Jun 2020 11:04

Tgt Ion: 62 Resp: 158685

Ion Ratio Lower Upper

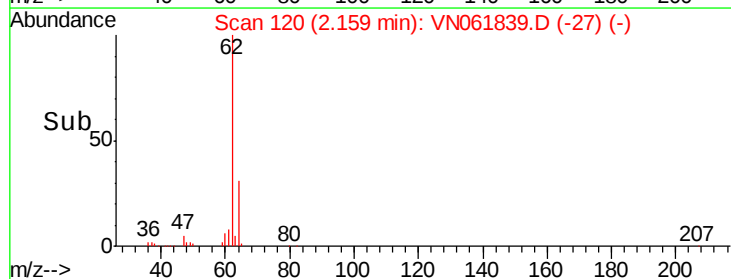
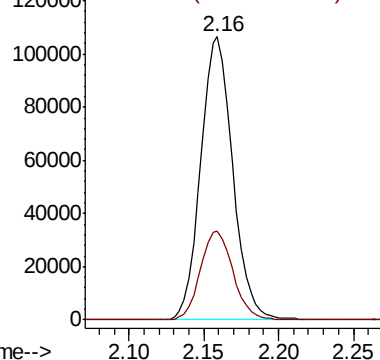
62 100

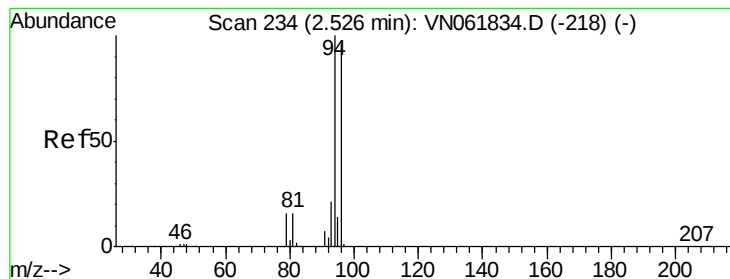
64 31.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 48.621 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

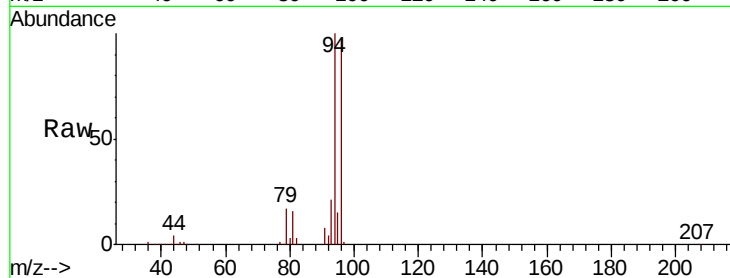
VSTDCCC050

Tot Ion: 94 Resp: 110061

Ion Ratio Lower Upper

94 100

96 96.9 76.7 115.1

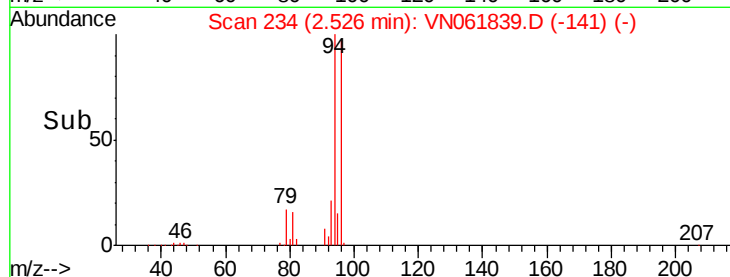


Abundance Ion 93.90 (93.60 to 94.60): VN061839.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061839.D (-218) (-)

2.53

Time-->



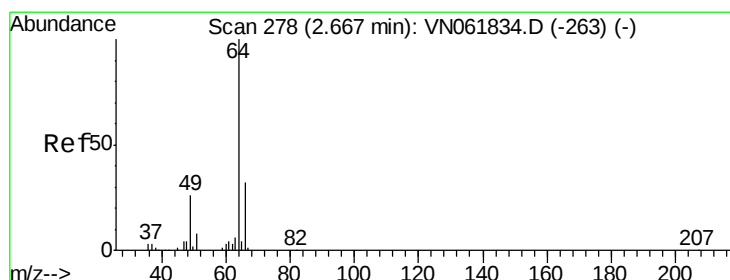
Abundance

Ion 93.90 (93.60 to 94.60): VN061839.D (-141) (-)

Ion 95.90 (95.60 to 96.60): VN061839.D (-141) (-)

2.53

Time-->



#6

Chloroethane

Concen: 52.288 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061839.D

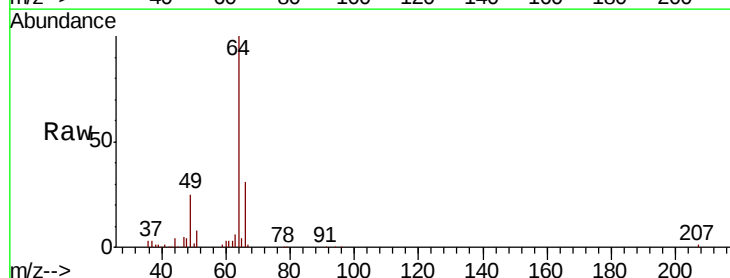
Acq: 17 Jun 2020 11:04

Tgt Ion: 64 Resp: 104314

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.2

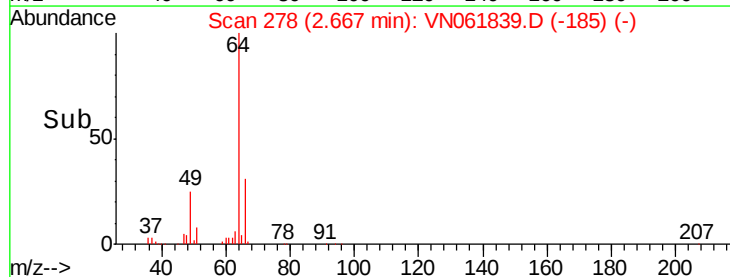


Abundance Ion 63.90 (63.60 to 64.60): VN061839.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061839.D (-263) (-)

2.67

Time-->



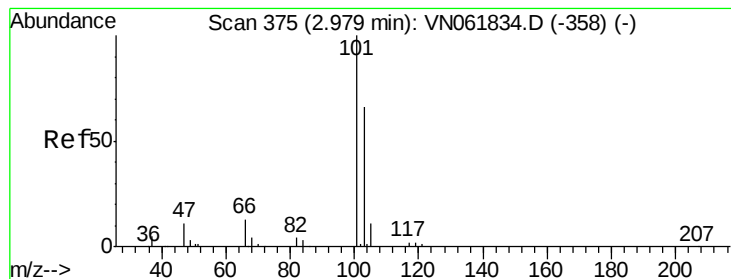
Abundance

Ion 63.90 (63.60 to 64.60): VN061839.D (-185) (-)

Ion 65.90 (65.60 to 66.60): VN061839.D (-185) (-)

2.67

Time-->

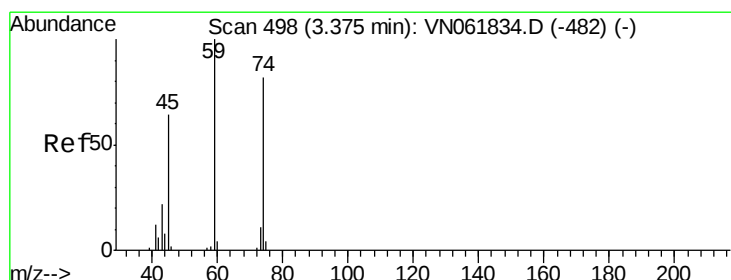
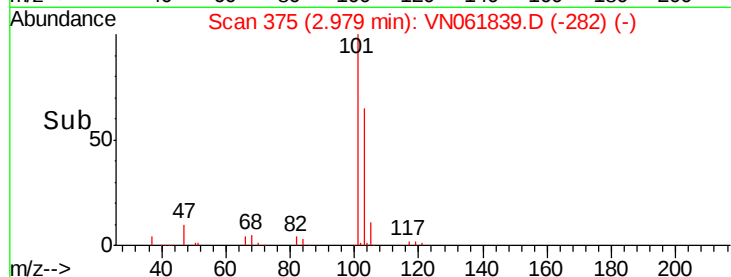
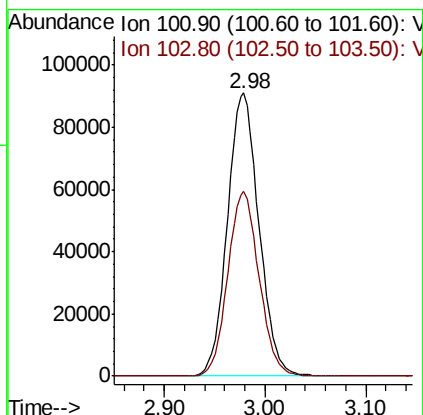
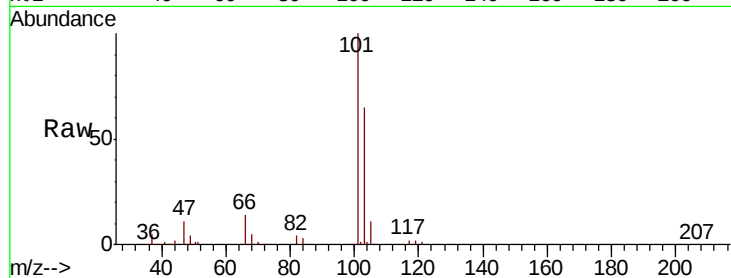


#7

Trichlorofluoromethane
 Concen: 56.282 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
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 VSTDCCC050

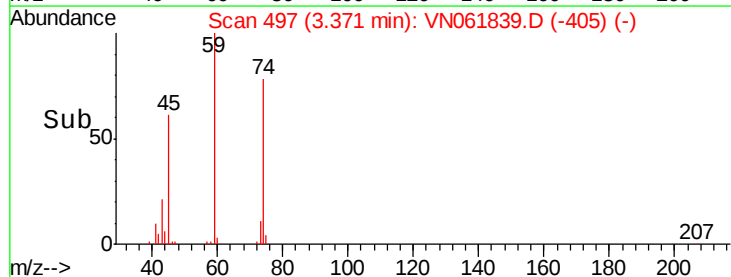
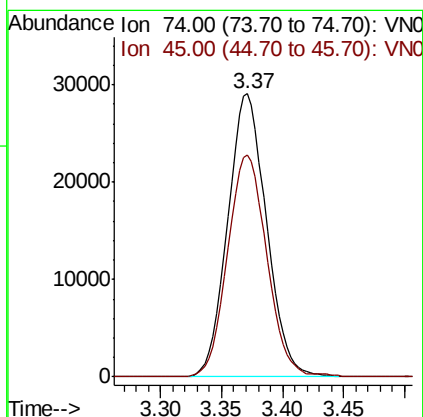
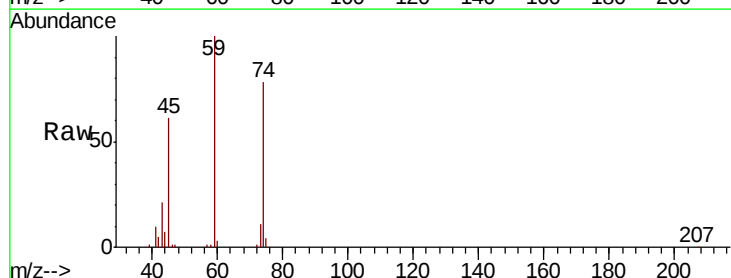
Tot Ion:101 Resp: 198172
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.8 79.2

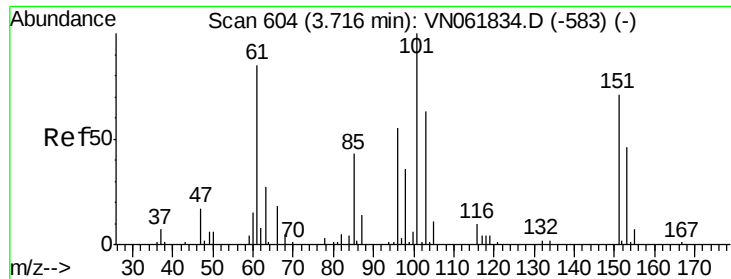


#8

Diethyl Ether
 Concen: 54.333 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion: 74 Resp: 64315
 Ion Ratio Lower Upper
 74 100
 45 79.5 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.619 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

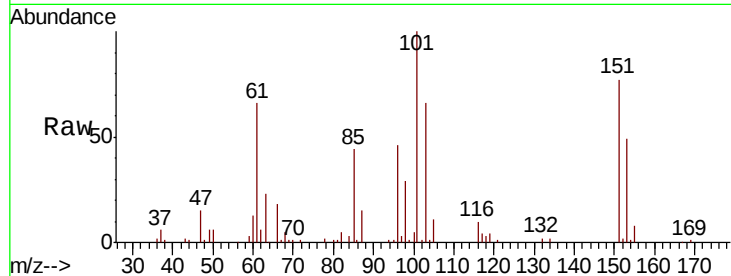
Tot Ion:101 Resp: 100471

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.6

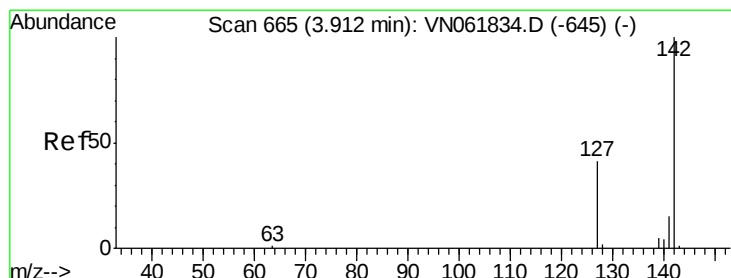
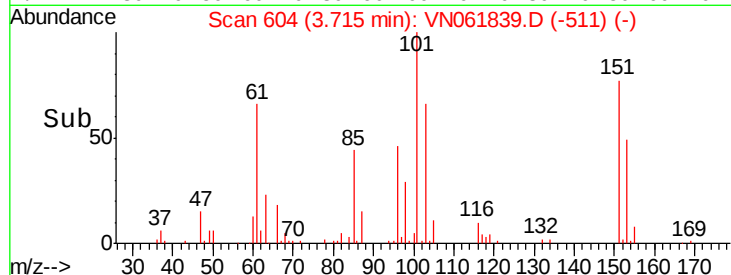
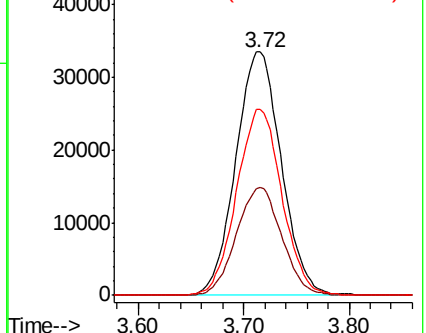
151 76.0 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.219 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

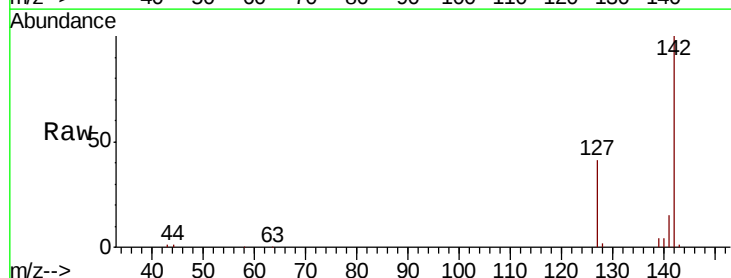
Tgt Ion:142 Resp: 121739

Ion Ratio Lower Upper

142 100

127 41.3 33.4 50.0

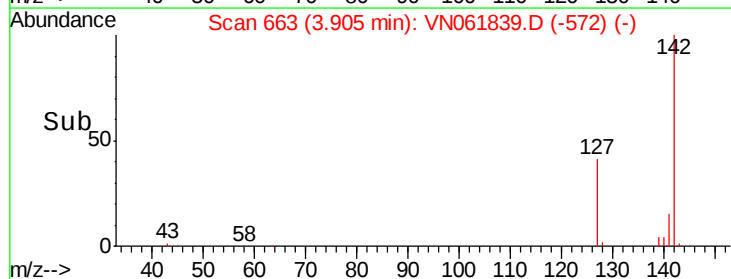
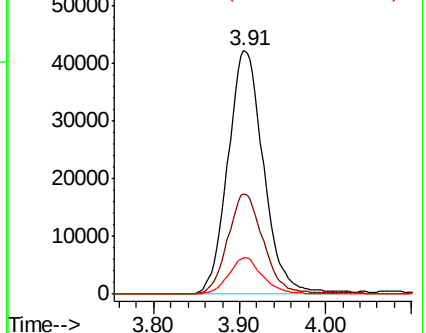
141 14.2 11.3 16.9

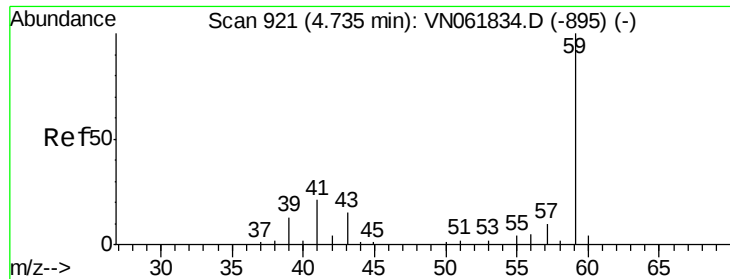


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

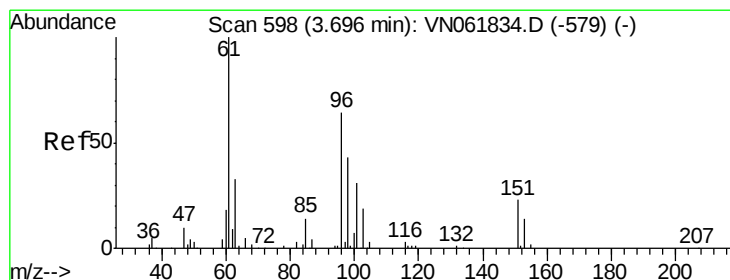
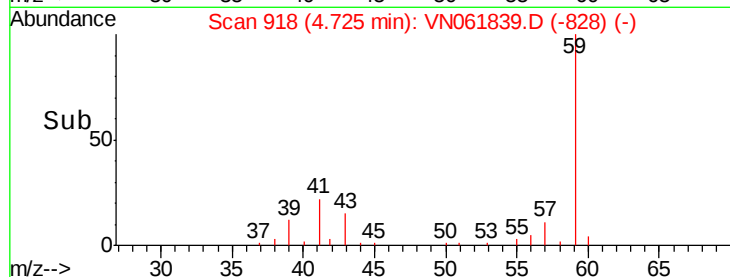
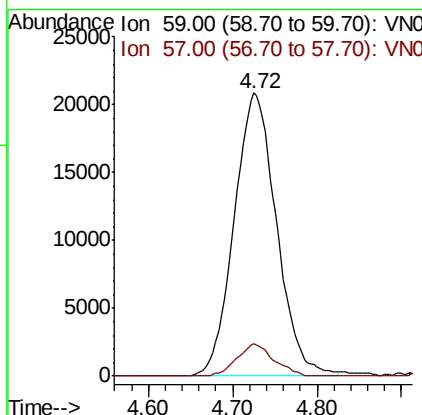
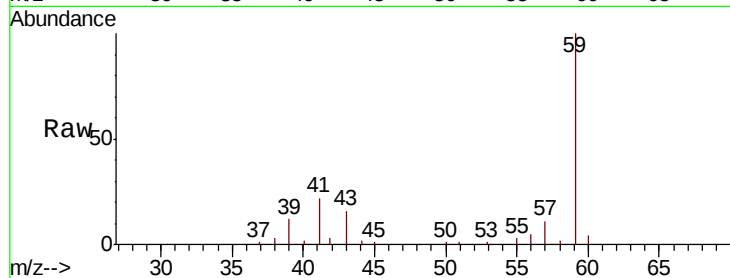




#11
Tert butyl alcohol
Concen: 220.548 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

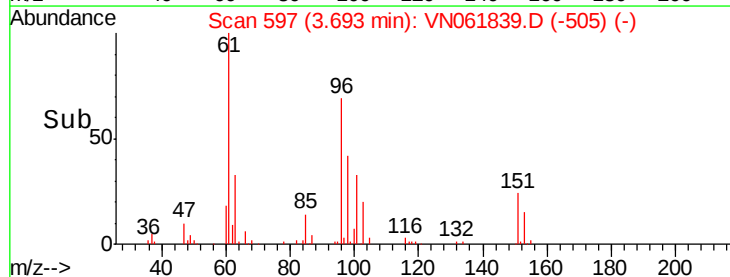
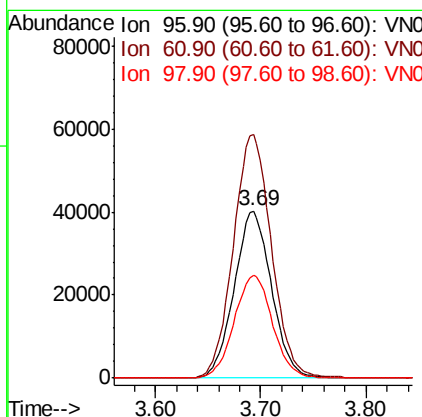
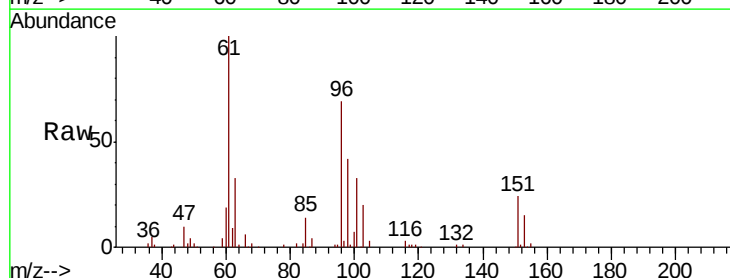
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

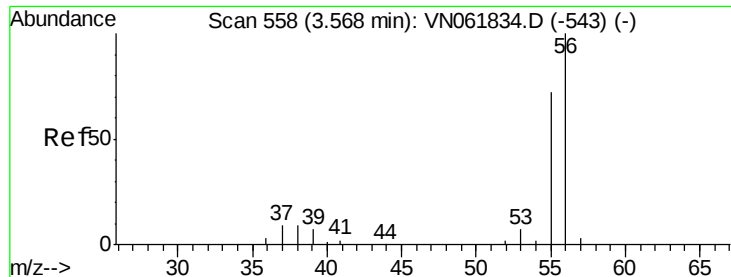
Tot Ion: 59 Resp: 72915
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 54.744 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 96 Resp: 99087
Ion Ratio Lower Upper
96 100
61 145.8 124.3 186.5
98 61.5 53.1 79.7





#13

Acrolein

Concen: 240.223 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

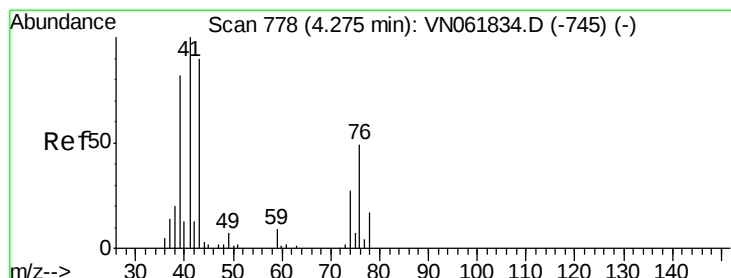
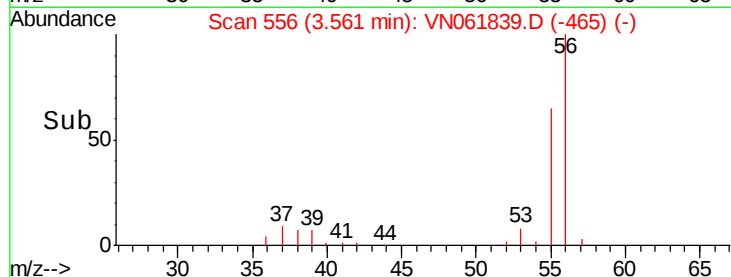
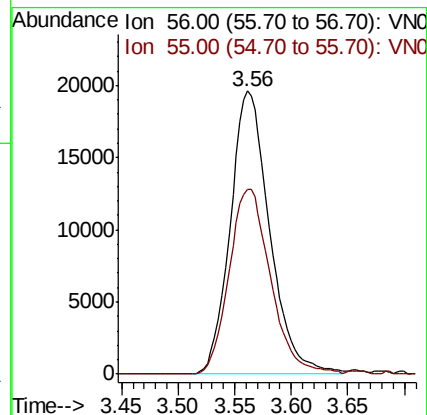
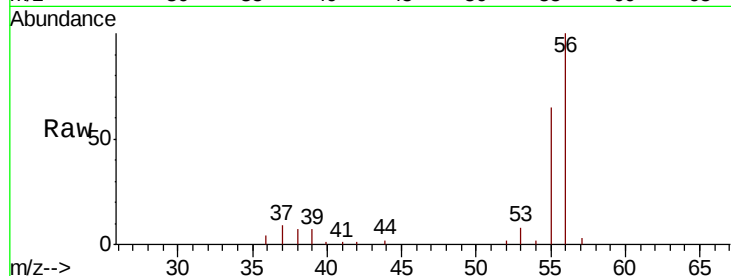
VSTDCCC050

Tot Ion: 56 Resp: 47467

Ion Ratio Lower Upper

56 100

55 68.7 56.2 84.4



#14

Allyl chloride

Concen: 54.025 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

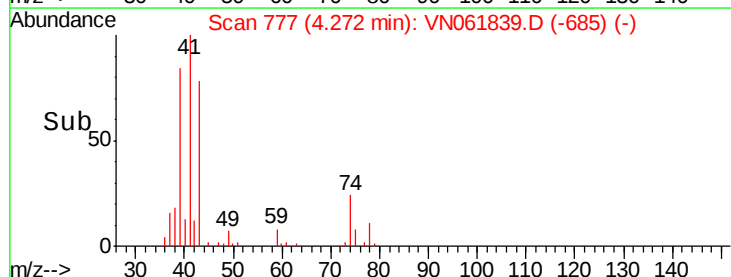
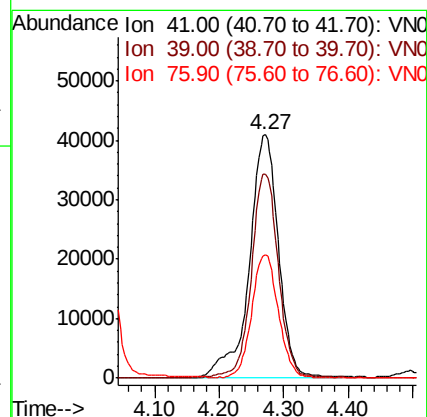
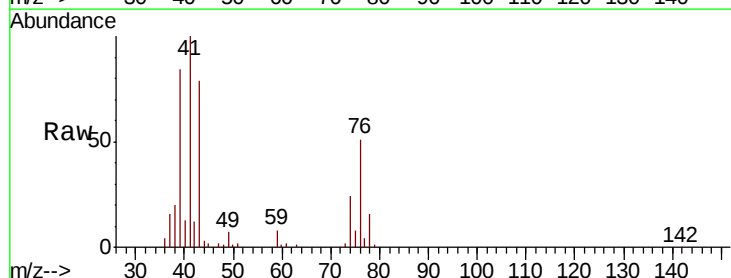
Tgt Ion: 41 Resp: 129781

Ion Ratio Lower Upper

41 100

39 77.6 60.2 90.2

76 46.1 36.3 54.5





#15

Acrylonitrile

Concen: 245.316 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

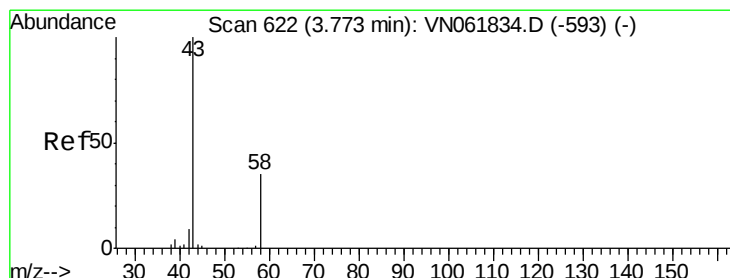
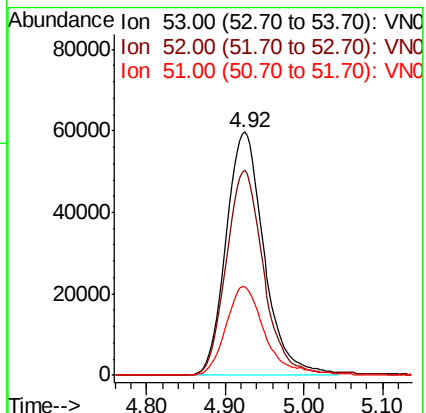
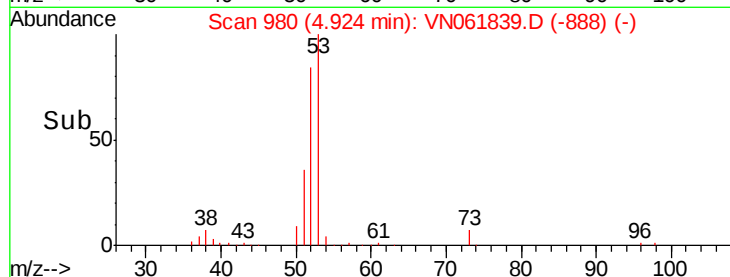
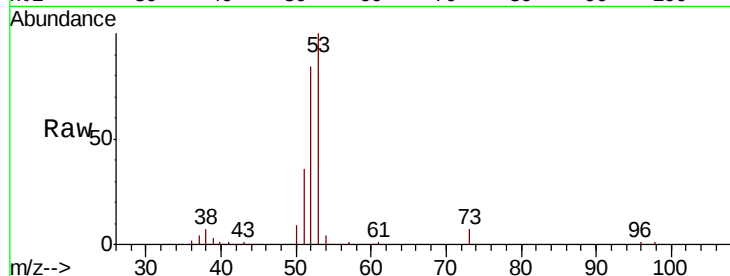
Tot Ion: 53 Resp: 200961

Ion Ratio Lower Upper

53 100

52 82.6 65.2 97.8

51 37.1 29.3 43.9



#16

Acetone

Concen: 286.932 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061839.D

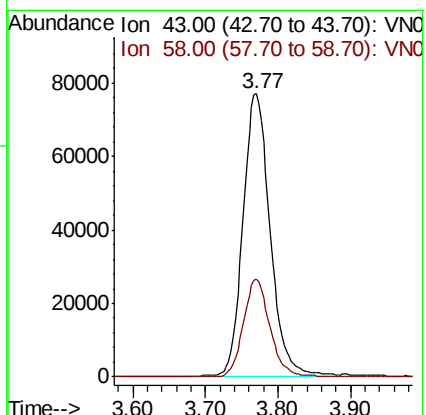
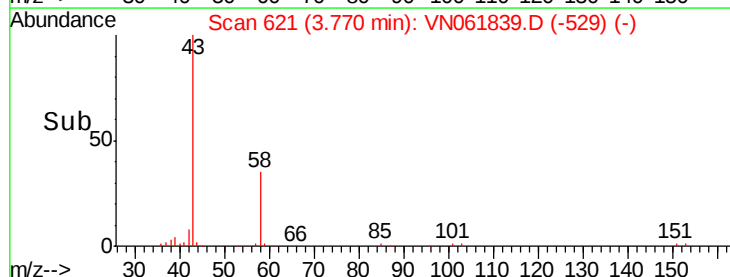
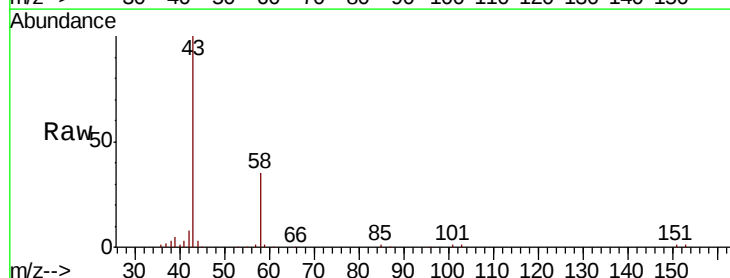
Acq: 17 Jun 2020 11:04

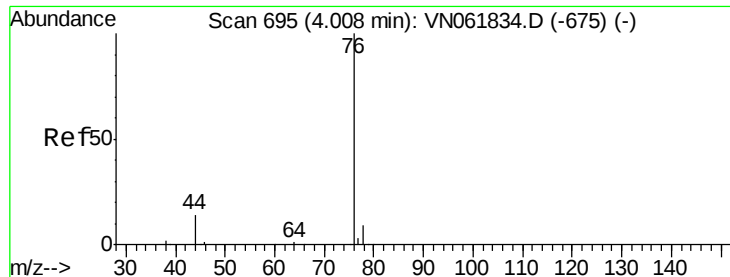
Tgt Ion: 43 Resp: 202490

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.8





#17

Carbon Disulfide

Concen: 54.028 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

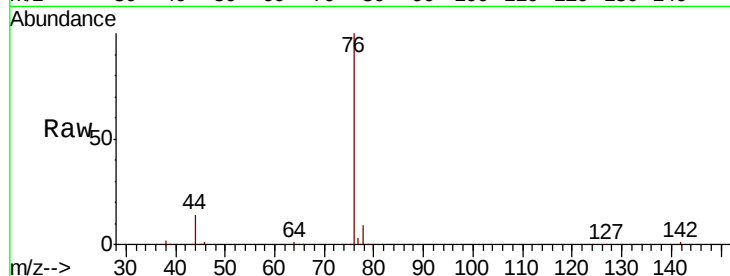
VSTDCCC050

Tot Ion: 76 Resp: 286136

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN061839.D (-675) (-)

Ion 77.90 (77.60 to 78.60): VN061839.D (-675) (-)

4.00

120000

100000

80000

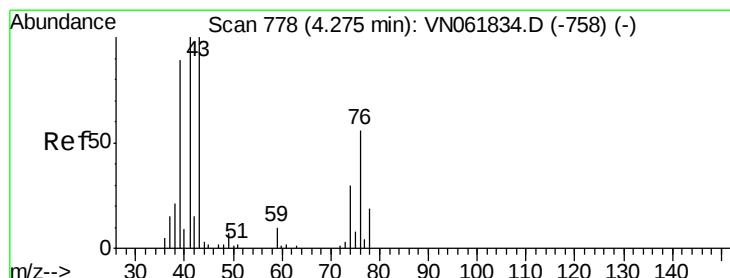
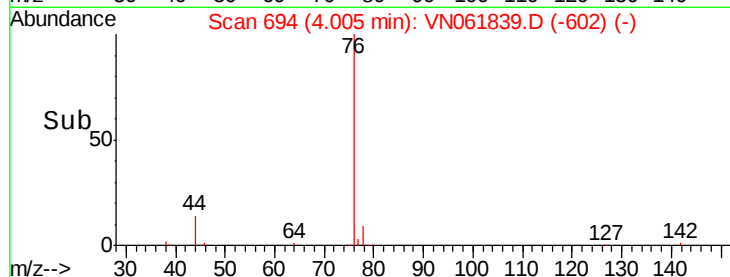
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.159 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061839.D

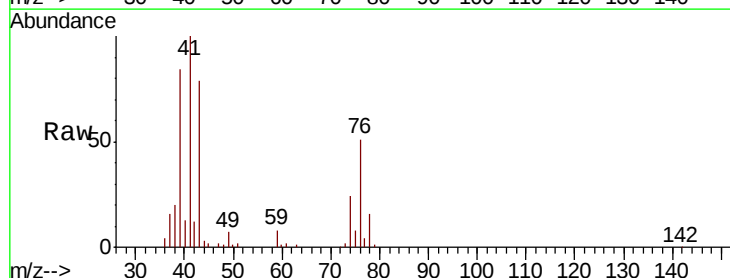
Acq: 17 Jun 2020 11:04

Tgt Ion: 43 Resp: 95815

Ion Ratio Lower Upper

43 100

74 29.4 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN061839.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN061839.D (-685) (-)

4.27

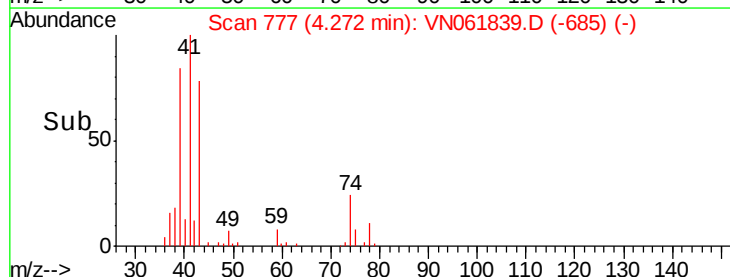
30000

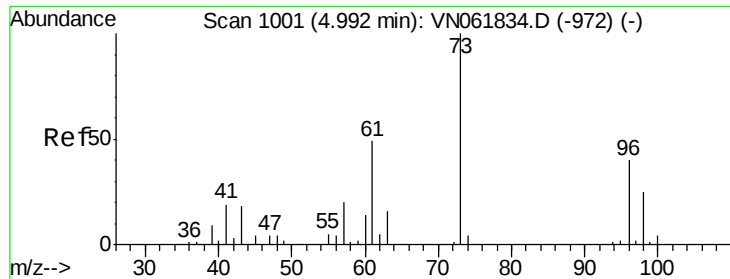
20000

10000

0

Time-->

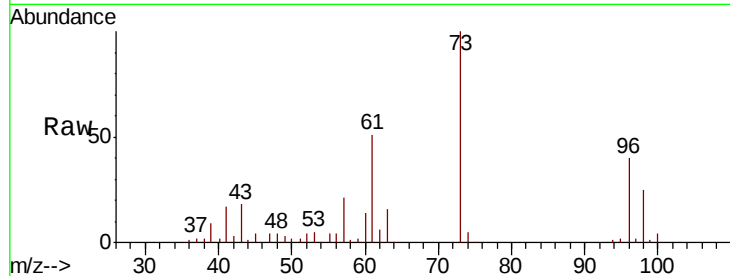




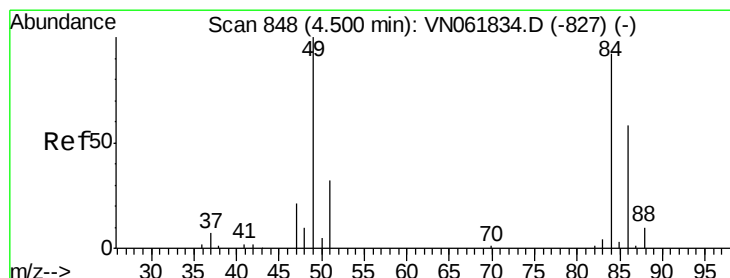
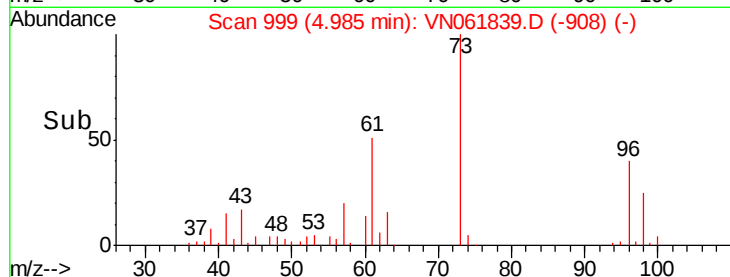
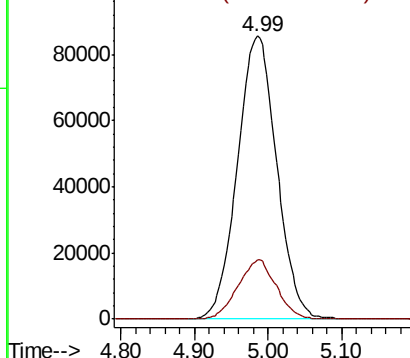
#19
Methvl tert-butvl Ether
Concen: 52.769 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 318012
Ion Ratio Lower Upper
73 100
57 21.0 16.2 24.4

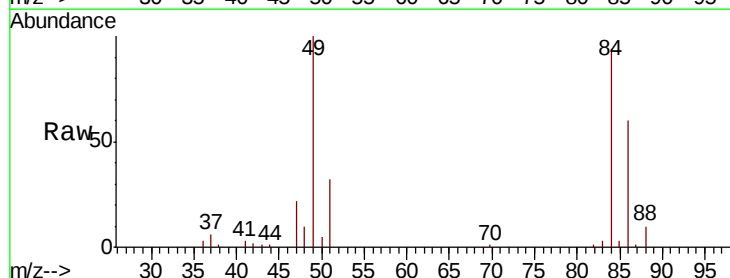


Abundance Ion 73.00 (72.70 to 73.70): VN061839.D (-972) (-)
Ion 57.00 (56.70 to 57.70): VN061839.D (-972) (-)

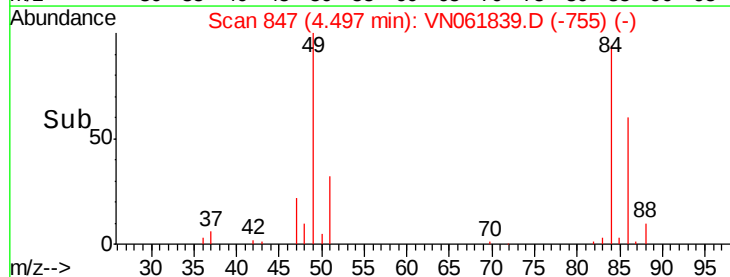
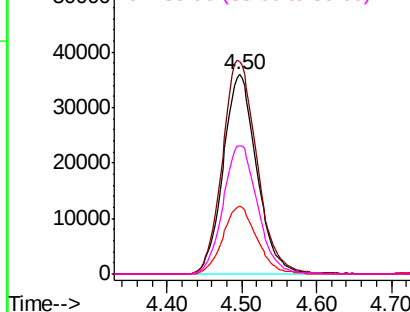


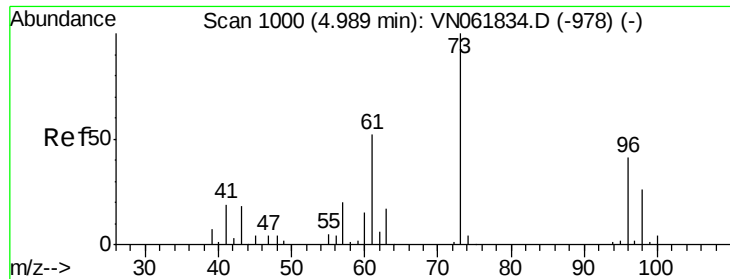
#20
Methylene Chloride
Concen: 48.670 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 84 Resp: 111901
Ion Ratio Lower Upper
84 100
49 106.7 87.0 130.4
51 33.8 27.8 41.6
86 64.2 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VN061839.D (-827) (-)
Ion 48.90 (48.60 to 49.60): VN061839.D (-827) (-)
Ion 50.90 (50.60 to 51.60): VN061839.D (-827) (-)
Ion 85.90 (85.60 to 86.60): VN061839.D (-827) (-)

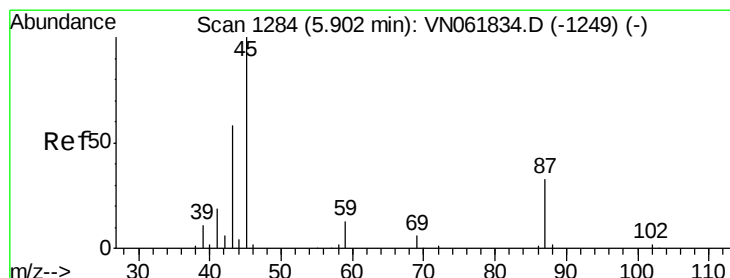
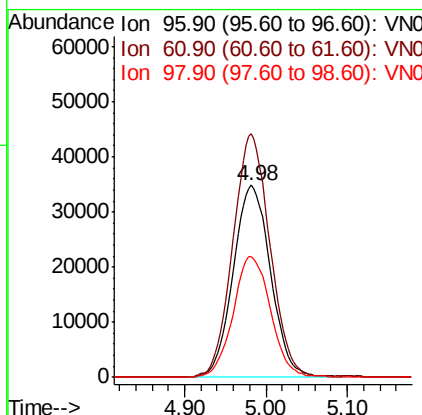
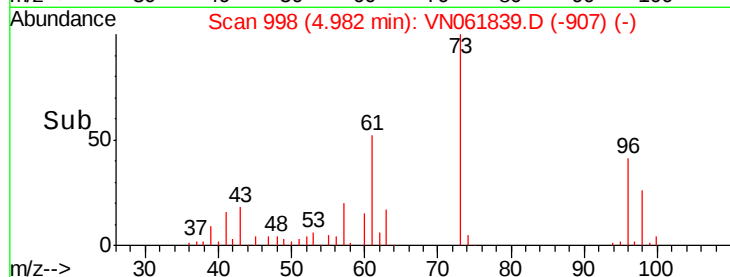
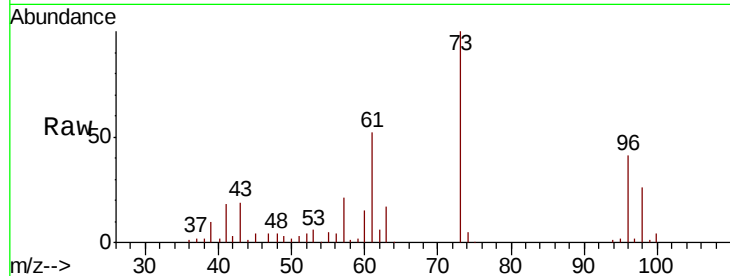




#21
trans-1,2-Dichloroethene
Concen: 53.389 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

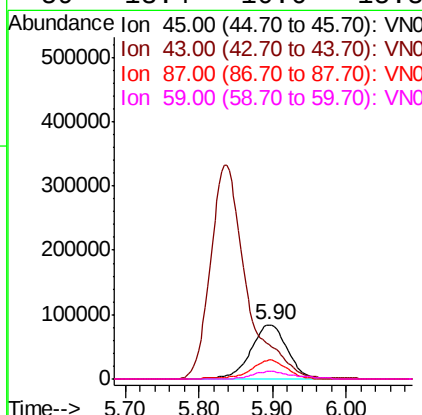
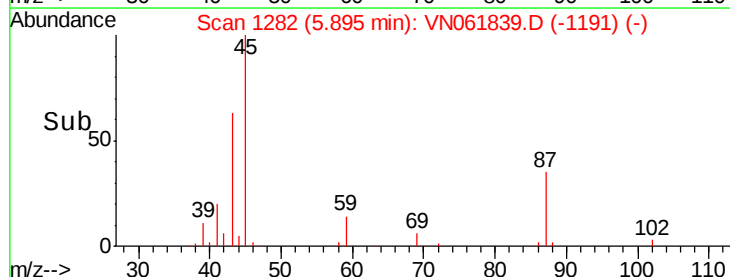
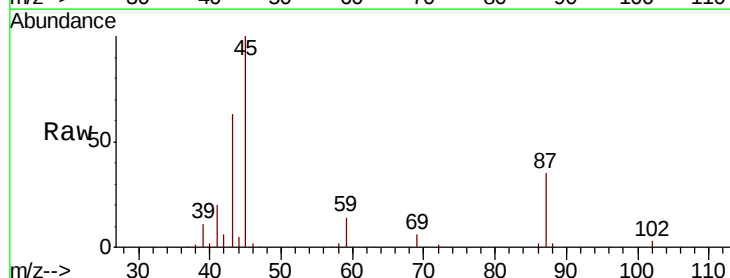
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

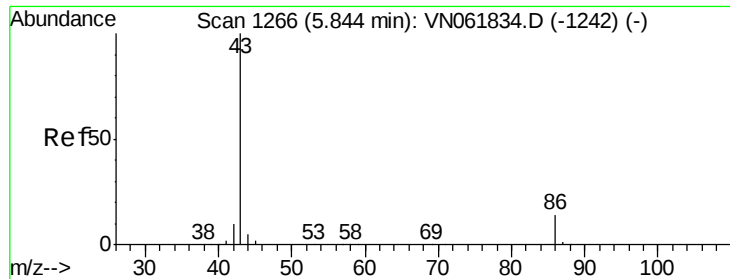
Tot Ion: 96 Resp: 110995
Ion Ratio Lower Upper
96 100
61 126.7 102.2 153.4
98 62.9 51.2 76.8



#22
Diisopropyl ether
Concen: 52.861 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 45 Resp: 290422
Ion Ratio Lower Upper
45 100
43 61.5 49.4 74.2
87 34.7 27.4 41.0
59 13.4 10.6 15.8

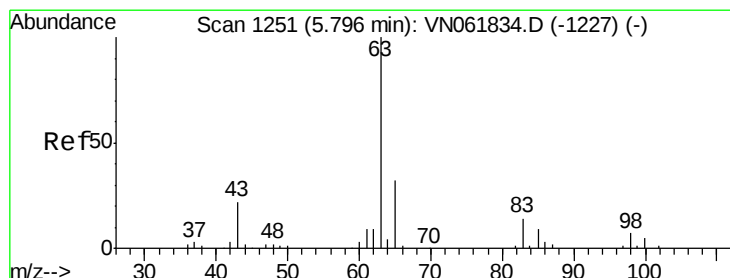
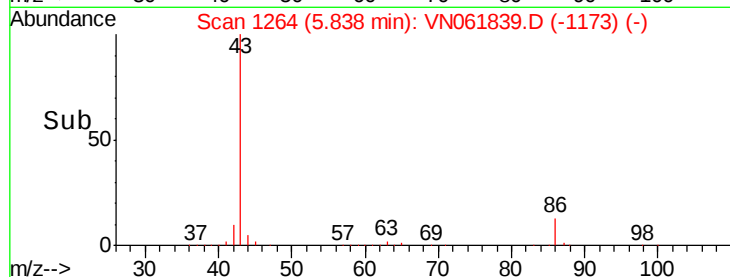
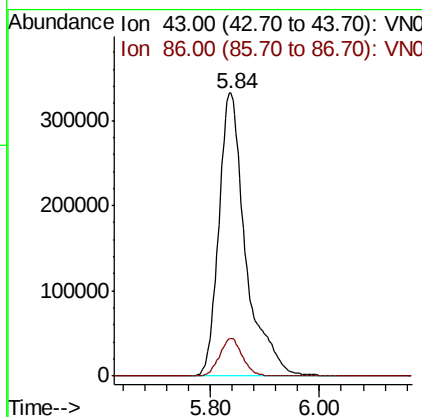
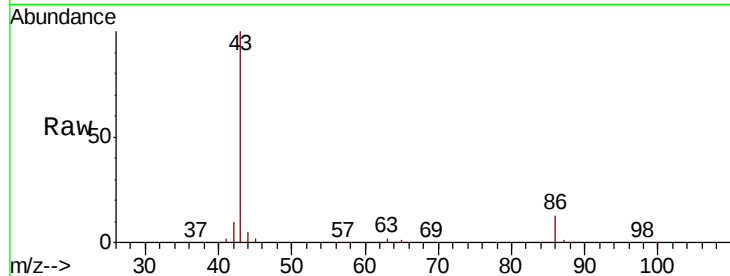




#23
 Vinyl Acetate
 Concen: 262.188 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

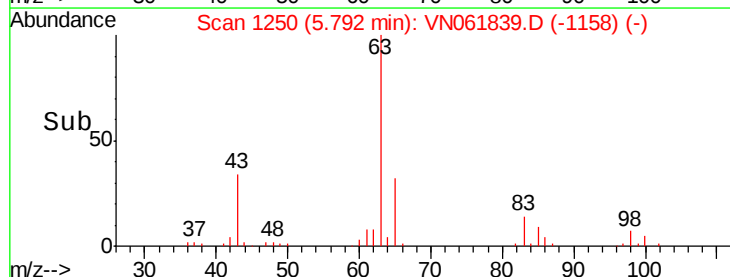
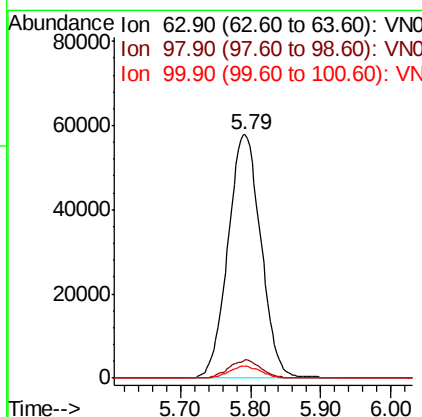
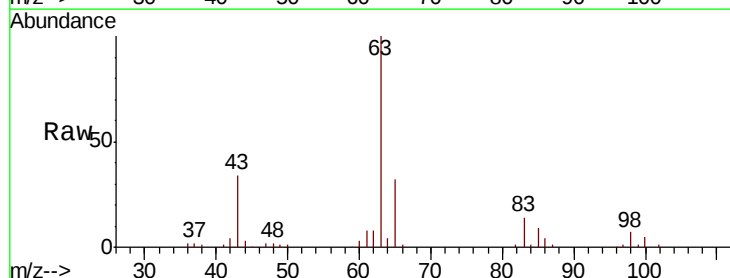
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

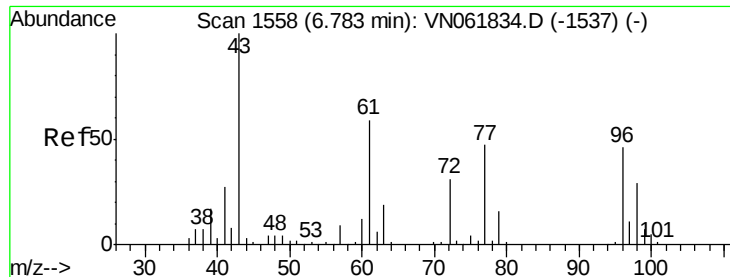
Tot Ion: 43 Resp: 1132946
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 52.474 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion: 63 Resp: 188724
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 256.006 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

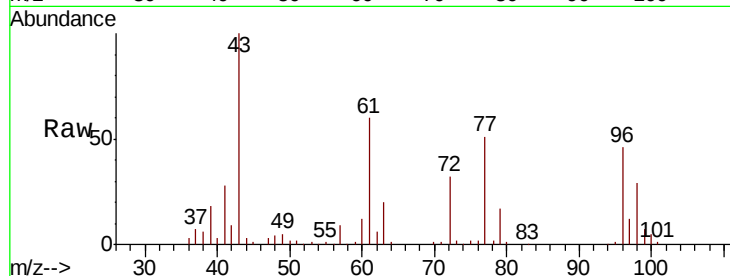
VSTDCCC050

Tot Ion: 43 Resp: 263591

Ion Ratio Lower Upper

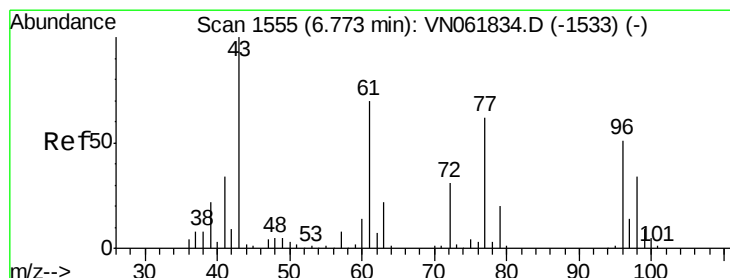
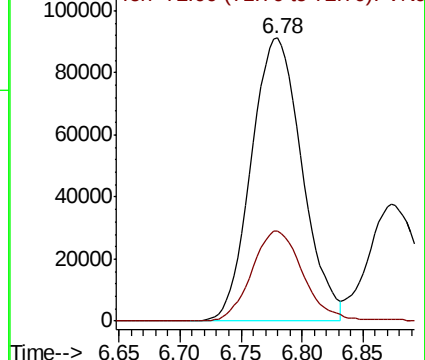
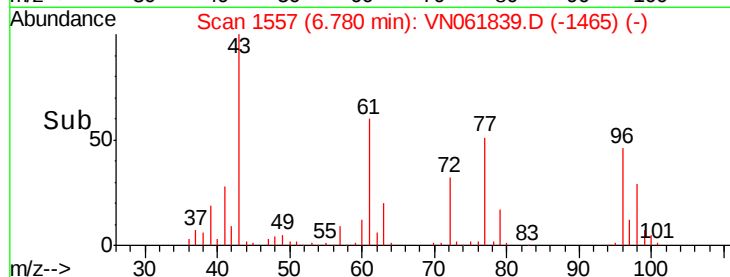
43 100

72 31.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061839.D (-1465) (-)

Ion 72.00 (71.70 to 72.70): VN061839.D (-1465) (-)



#26

2,2-Dichloropropane

Concen: 55.128 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN061839.D

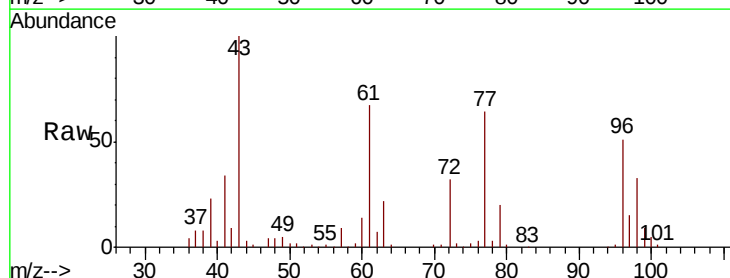
Acq: 17 Jun 2020 11:04

Tgt Ion: 77 Resp: 166808

Ion Ratio Lower Upper

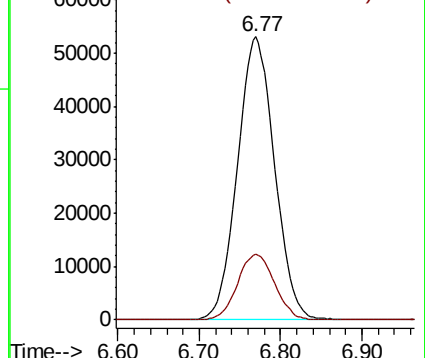
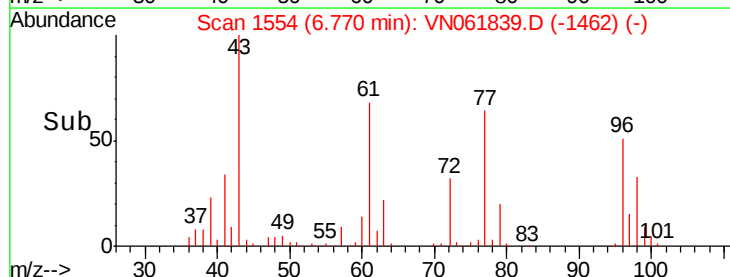
77 100

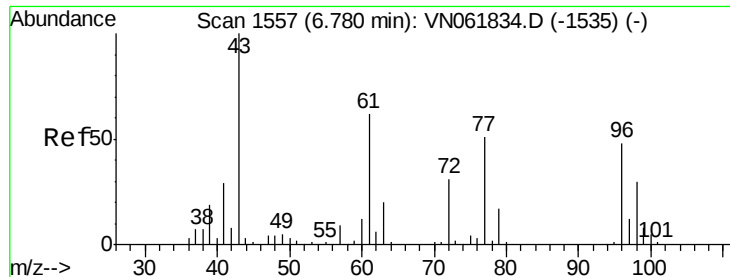
97 23.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN061839.D (-1462) (-)

Ion 96.90 (96.60 to 97.60): VN061839.D (-1462) (-)





#27

cis-1,2-Dichloroethene

Concen: 53.050 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

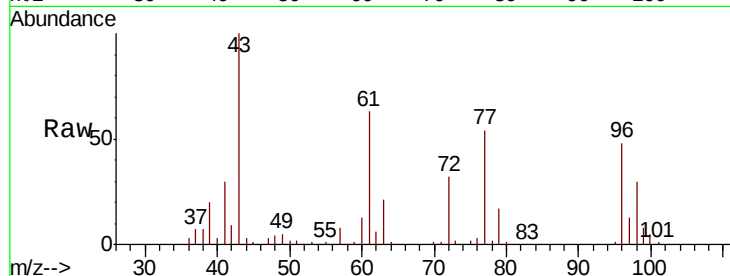
Tot Ion: 96 Resp: 127259

Ion Ratio Lower Upper

96 100

61 132.5 0.0 265.6

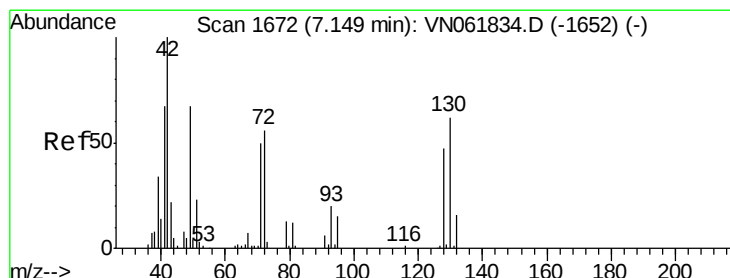
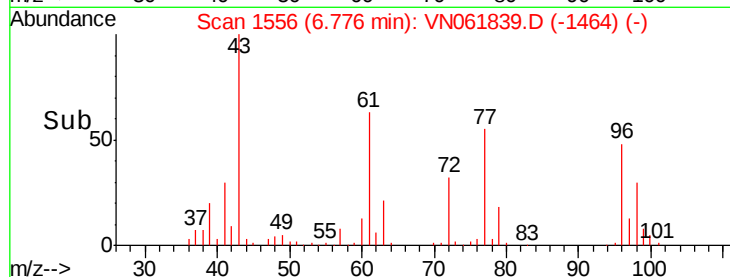
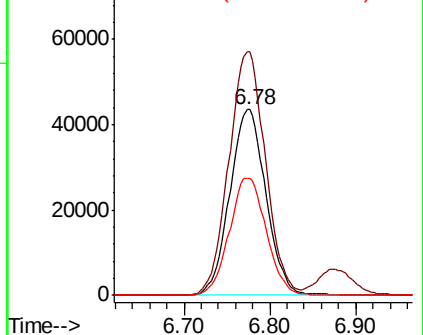
98 64.4 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 54.638 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

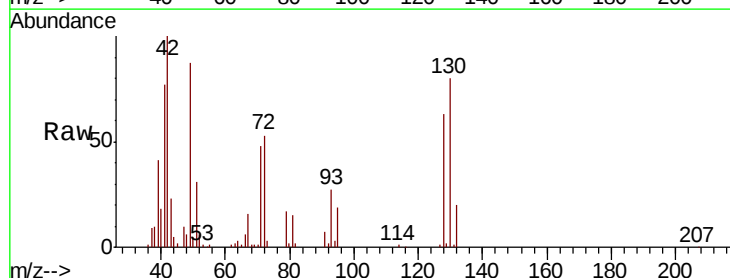
Tgt Ion: 49 Resp: 87494

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

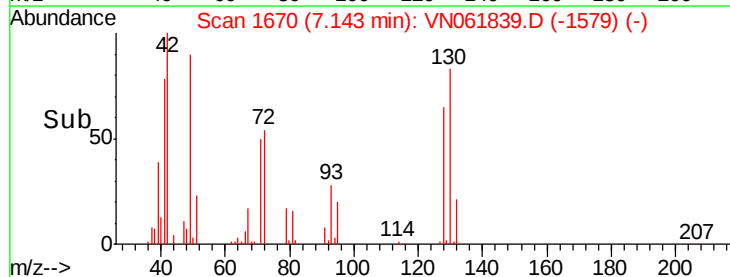
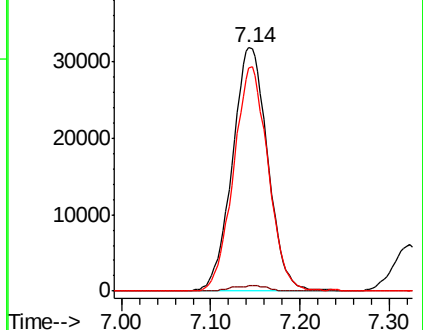
130 90.0 72.2 108.2



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

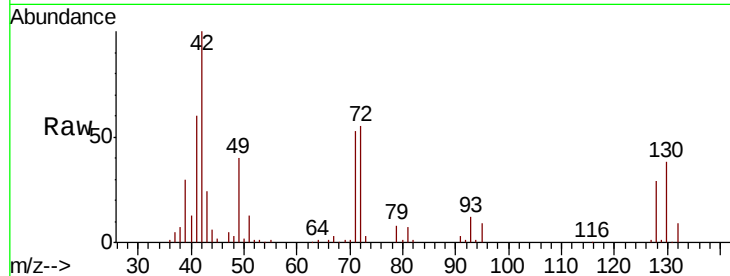




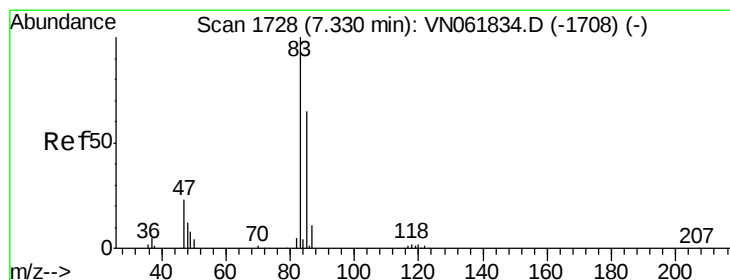
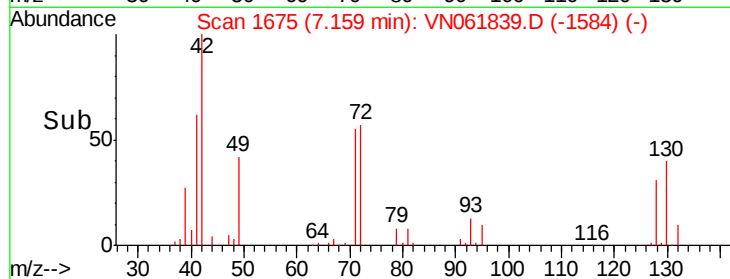
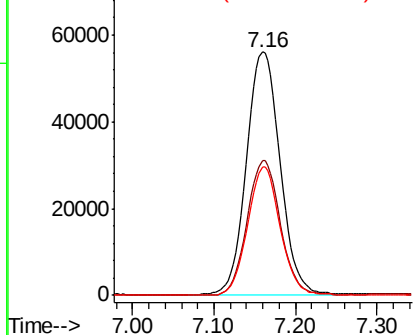
#29
Tetrahydrofuran
Concen: 237.644 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 161029
Ion Ratio Lower Upper
42 100
72 54.2 44.0 66.0
71 50.8 40.0 60.0

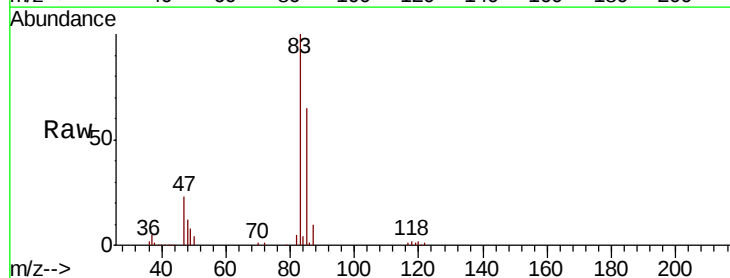


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

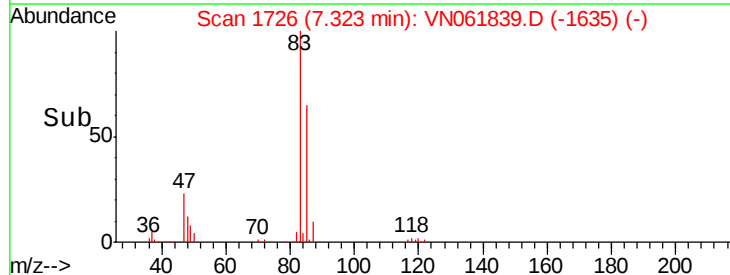
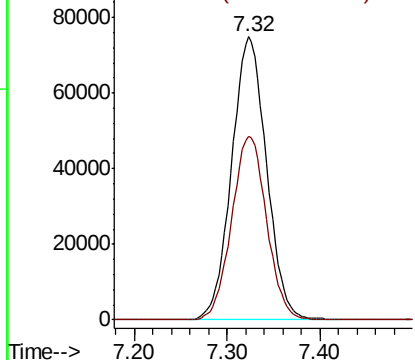


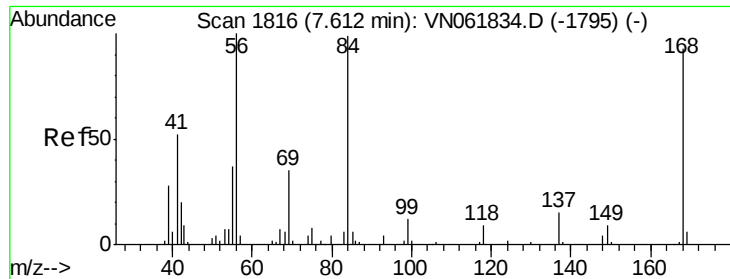
#30
Chloroform
Concen: 50.883 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 83 Resp: 195579
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0



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

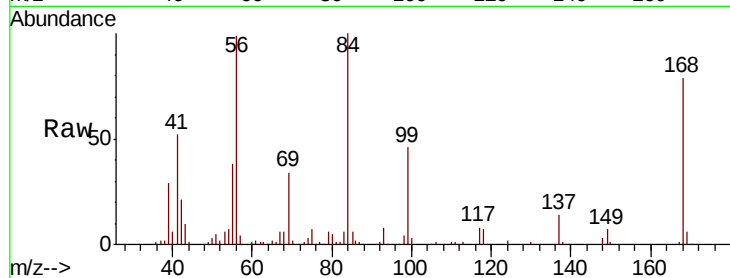




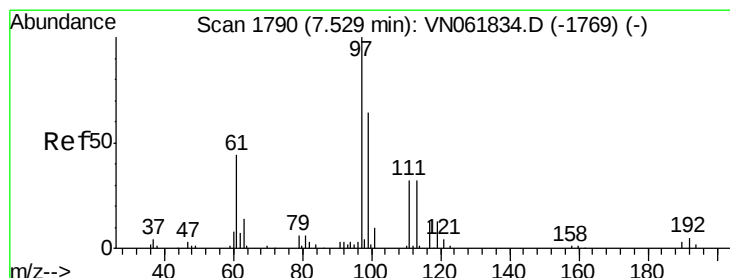
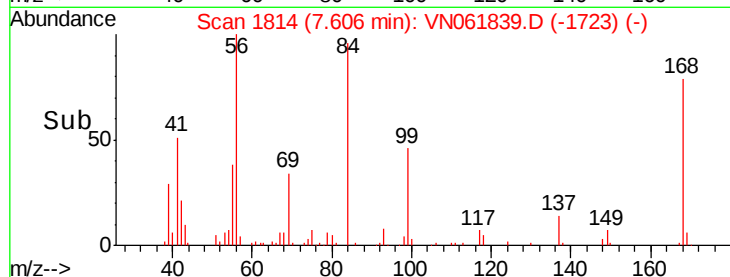
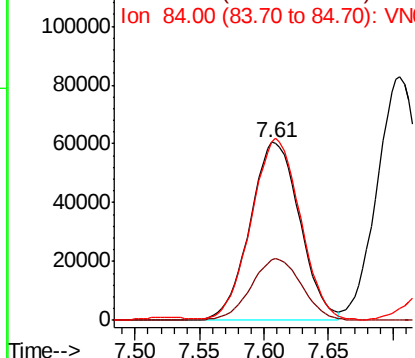
#31
Cyclohexane
Concen: 51.812 ug/l
RT: 7.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 163125
Ion Ratio Lower Upper
56 100
69 34.0 27.7 41.5
84 99.5 79.1 118.7

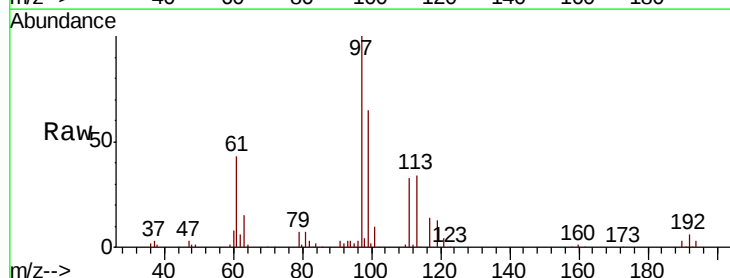


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

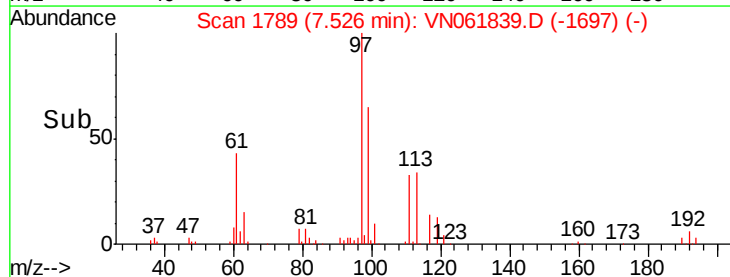
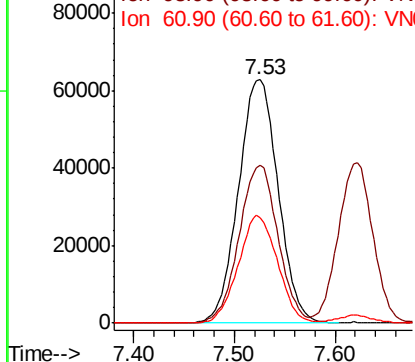


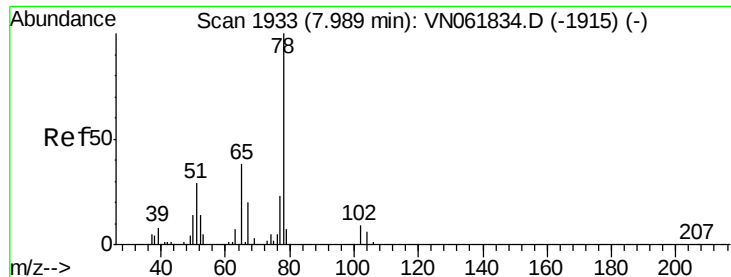
#32
1,1,1-Trichloroethane
Concen: 52.462 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 97 Resp: 171733
Ion Ratio Lower Upper
97 100
99 63.5 51.5 77.3
61 43.6 35.1 52.7



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

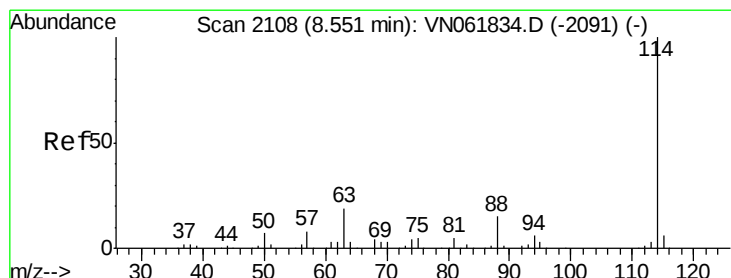
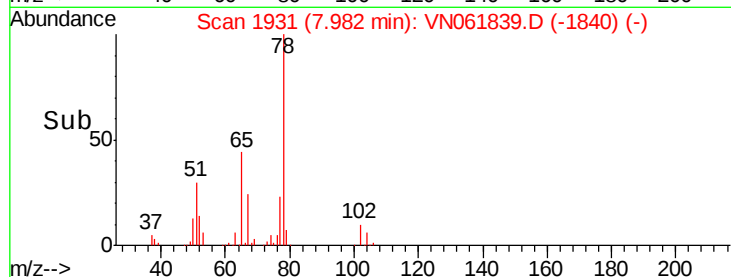
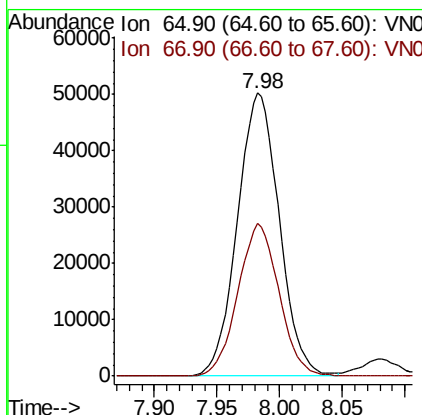
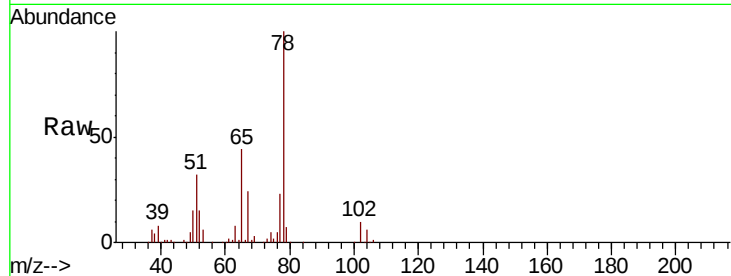




#33
 1,2-Dichloroethane-d4
 Concen: 48.808 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

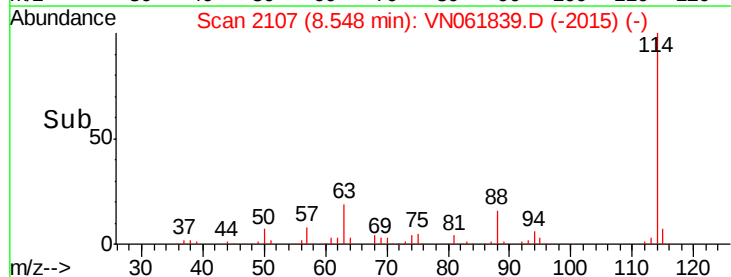
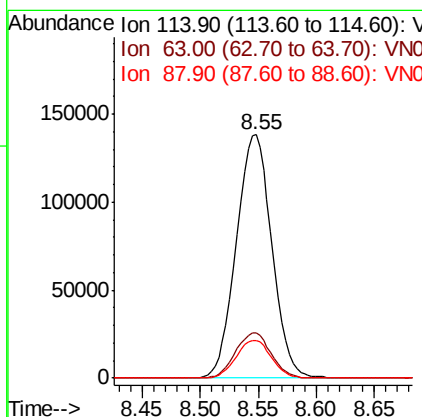
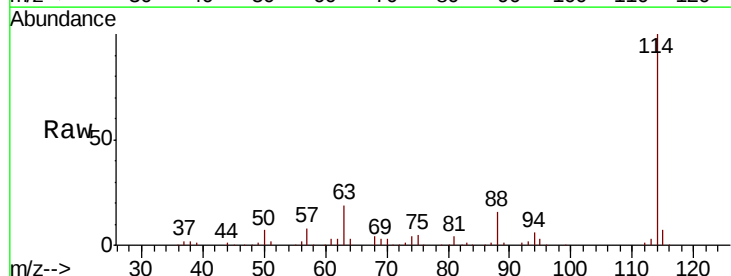
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

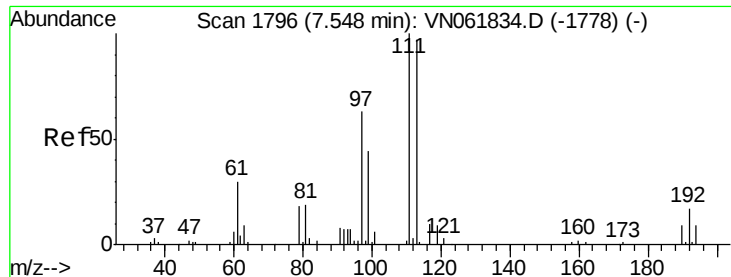
Tot Ion: 65 Resp: 116609
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion: 114 Resp: 294697
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.6
 88 15.6 0.0 31.0

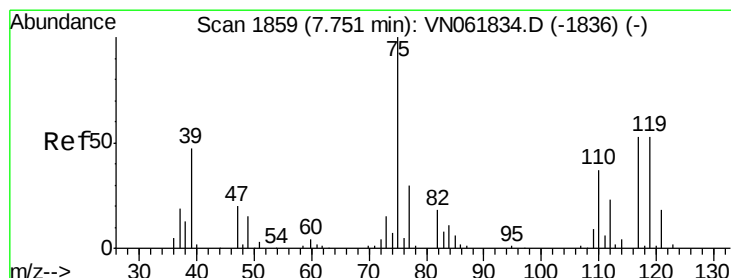
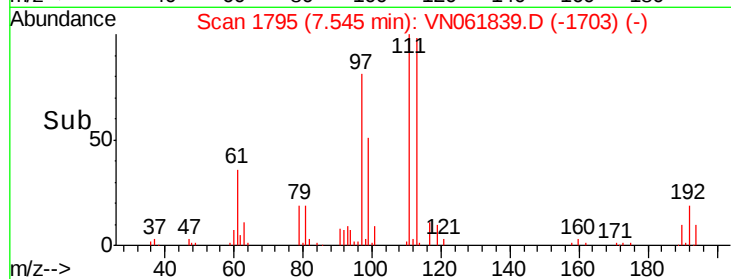
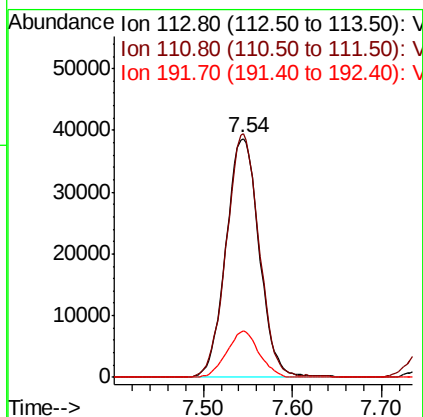
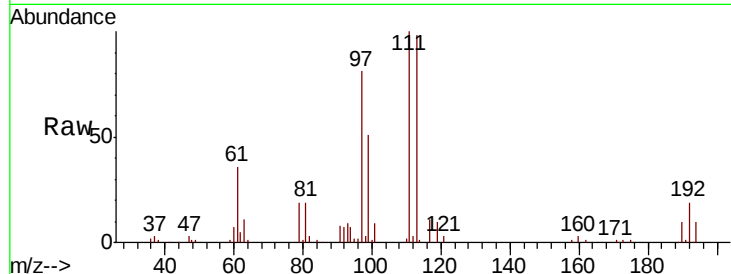




#35
 Dibromofluoromethane
 Concen: 53.017 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

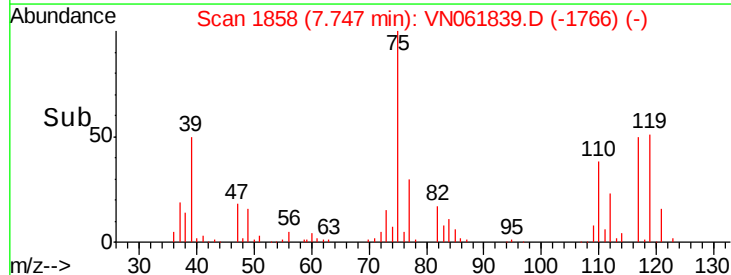
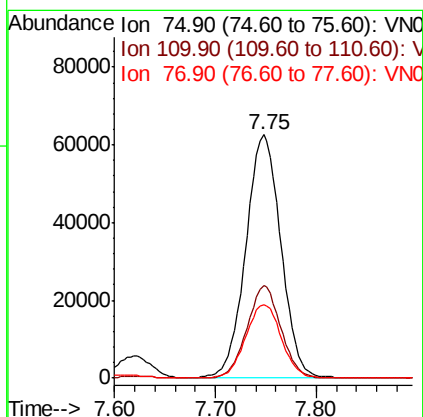
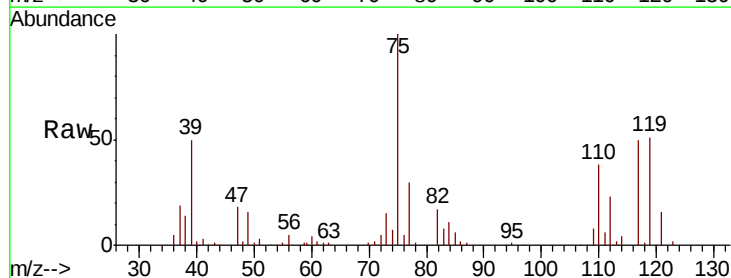
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

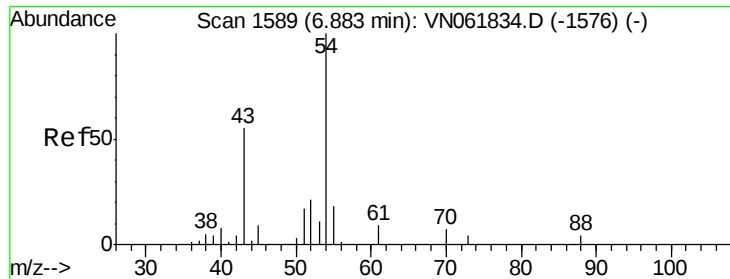
Tot Ion:113 Resp: 99953
 Ion Ratio Lower Upper
 113 100
 111 99.8 83.7 125.5
 192 18.7 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 56.200 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion: 75 Resp: 151063
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.2 54.6
 77 30.9 24.2 36.4

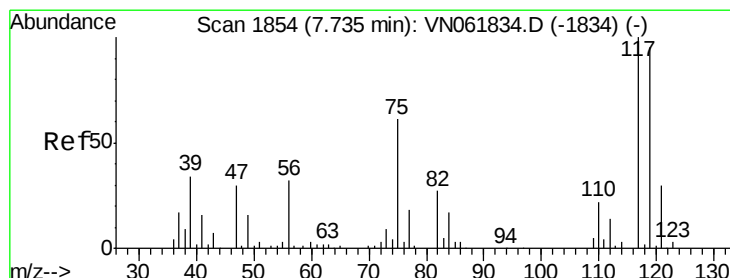
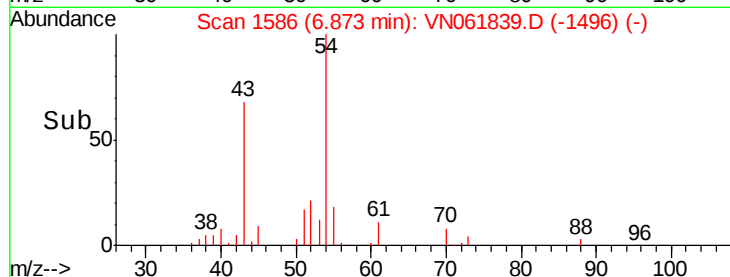
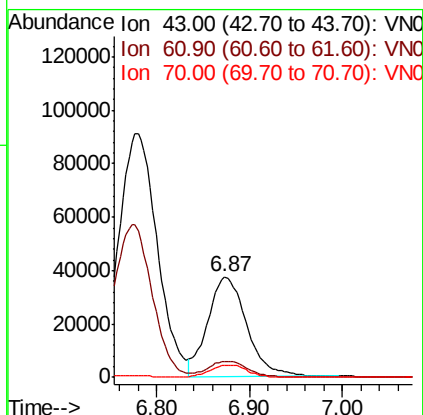
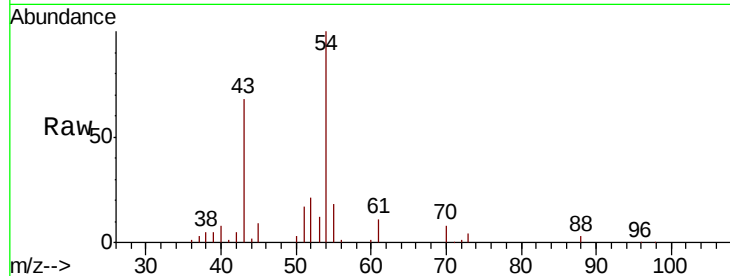




#37
Ethyl Acetate
Concen: 51.919 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

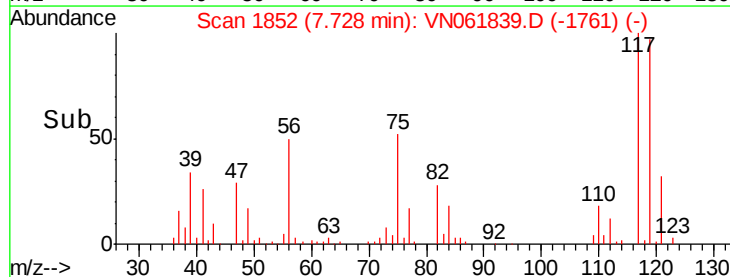
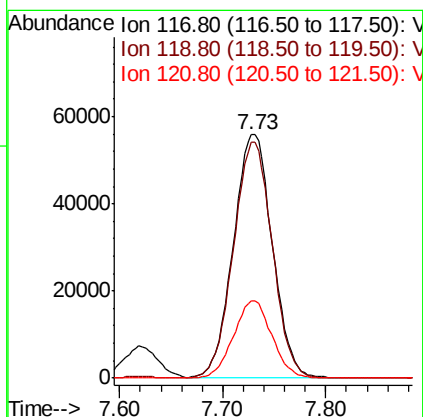
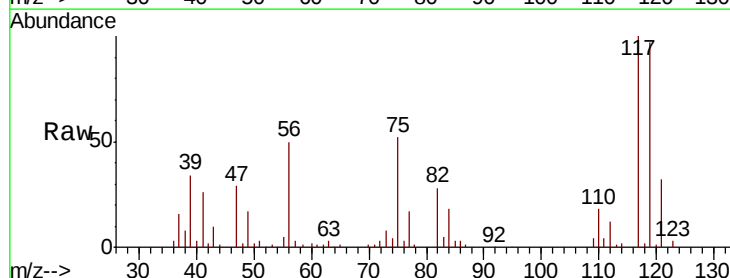
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 108979
Ion Ratio Lower Upper
43 100
61 16.7 13.0 19.4
70 11.8 9.4 14.2



#38
Carbon Tetrachloride
Concen: 55.349 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 117 Resp: 147331
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6
121 31.7 23.8 35.6

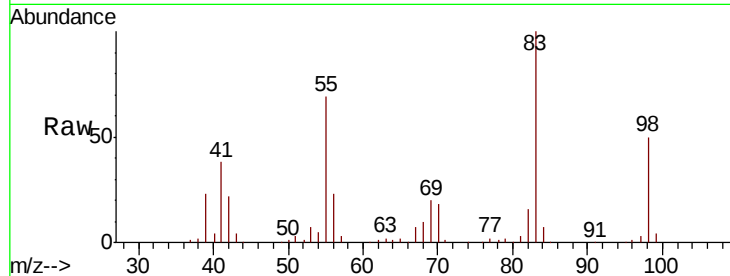




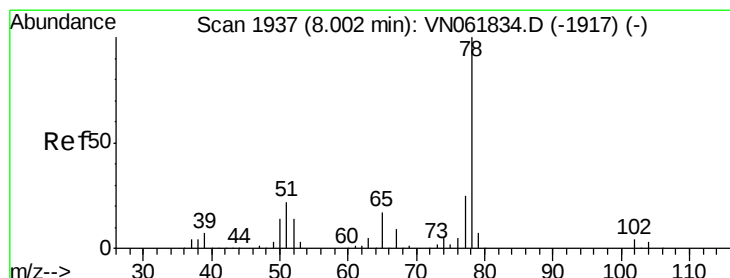
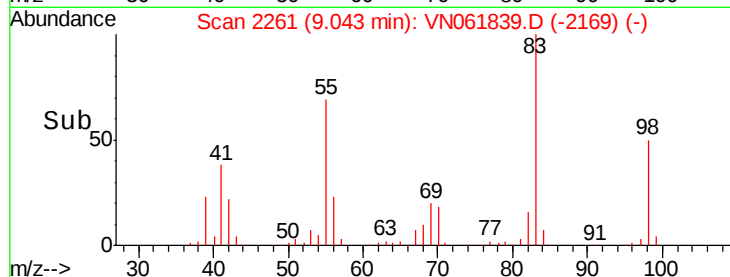
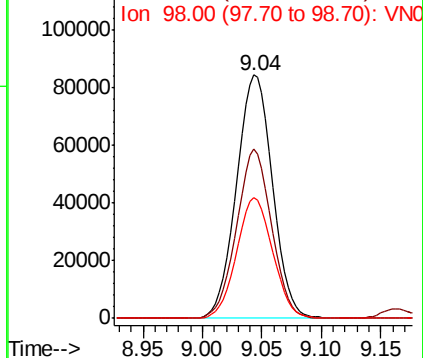
#39
Methvlcvclohexane
Concen: 61.296 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 177413
Ion Ratio Lower Upper
83 100
55 69.5 54.2 81.4
98 49.5 39.8 59.6

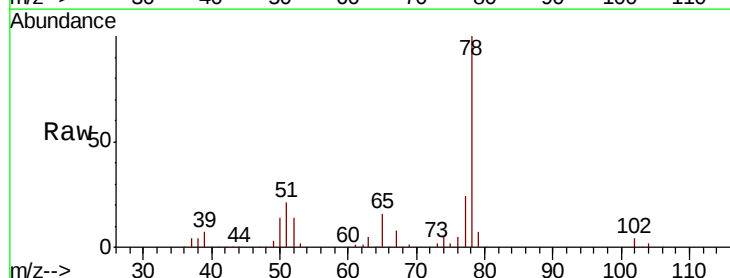


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

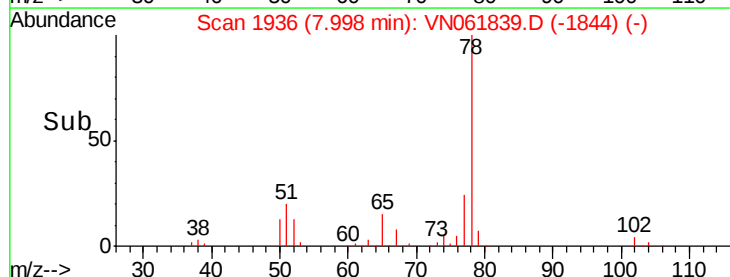
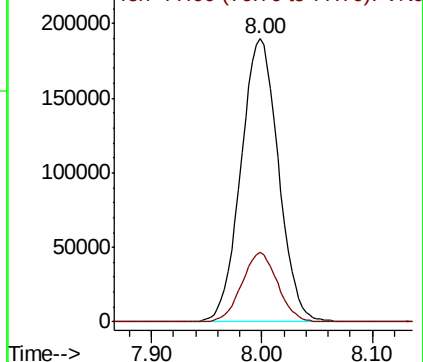


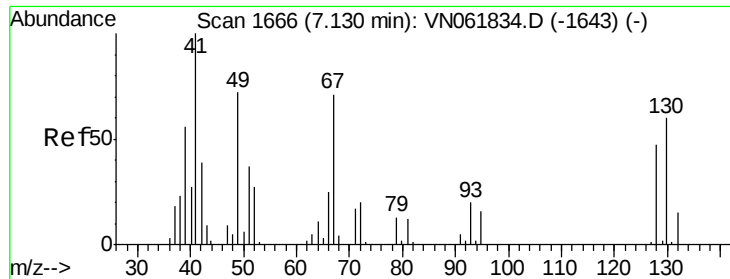
#40
Benzene
Concen: 54.932 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 78 Resp: 447283
Ion Ratio Lower Upper
78 100
77 24.4 19.7 29.5



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

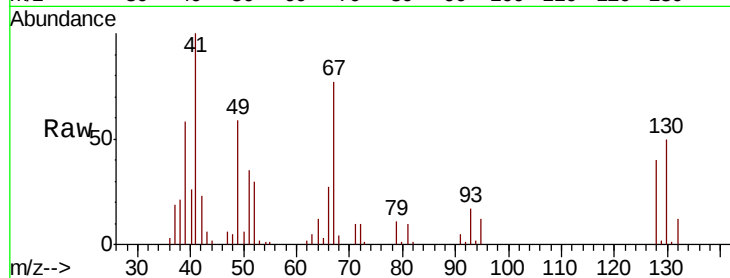




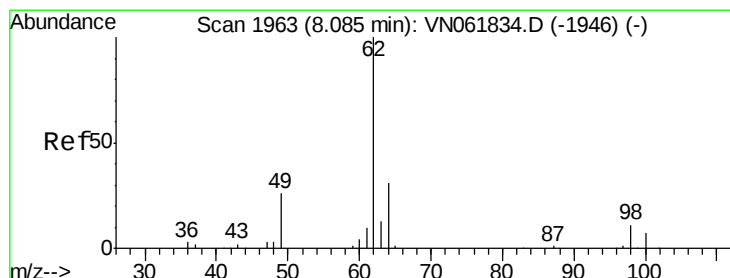
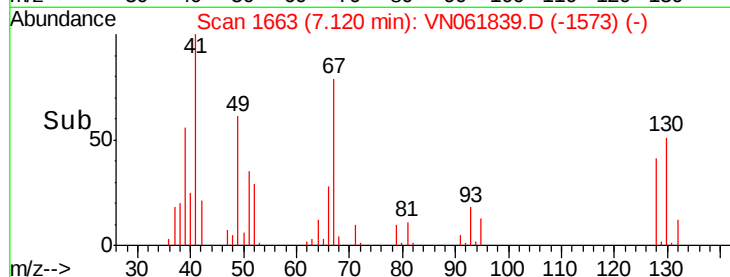
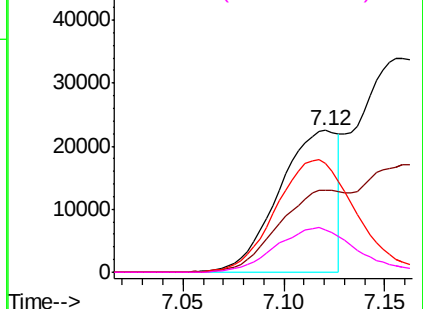
#41
Methacrylonitrile
Concen: 50.928 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 41 Resp: 45712
Ion Ratio Lower Upper
41 100
39 68.8 0.0 0.0#
67 108.3 0.0 0.0#
52 43.1 0.0 0.0#

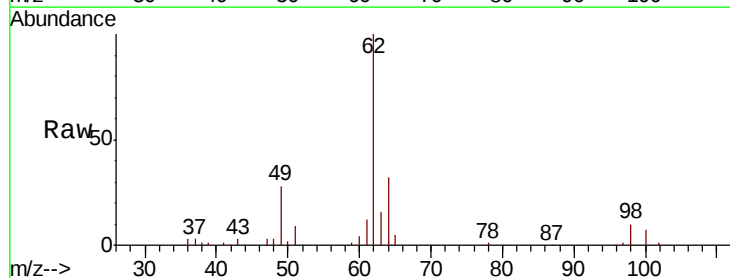


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

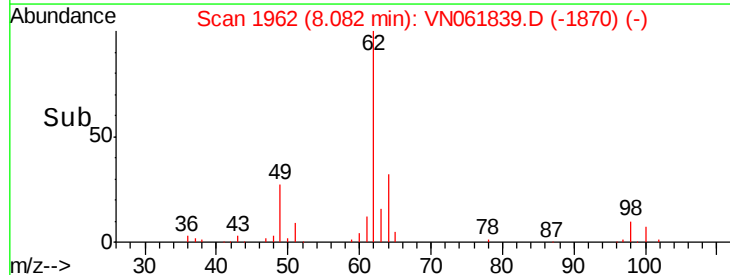
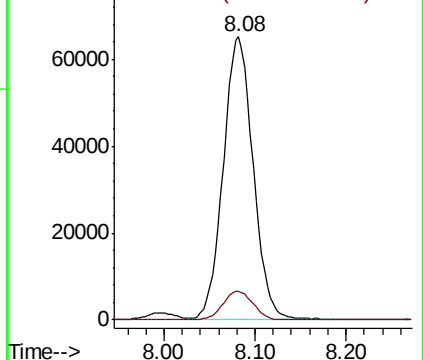


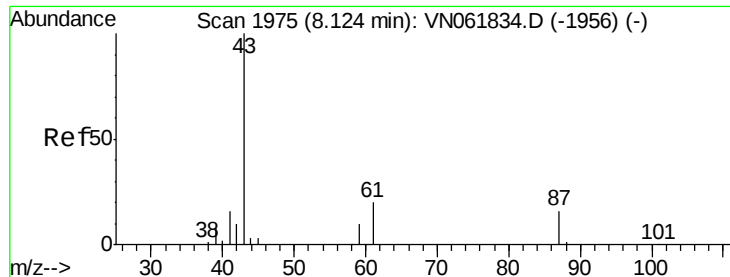
#42
1,2-Dichloroethane
Concen: 53.694 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 62 Resp: 149072
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 53.473 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

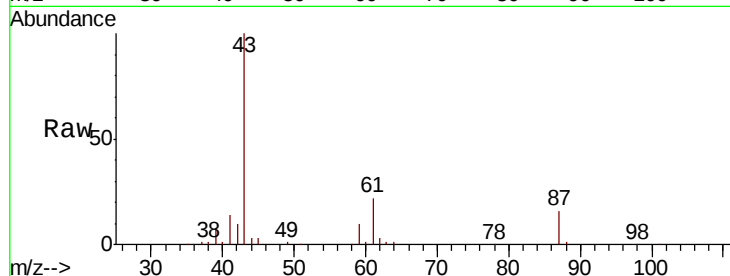
Tot Ion: 43 Resp: 189154

Ion Ratio Lower Upper

43 100

61 22.5 24.0 36.0#

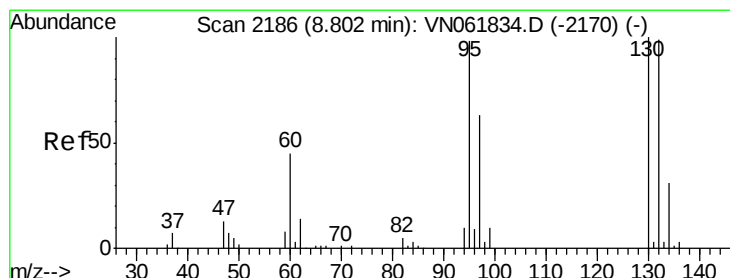
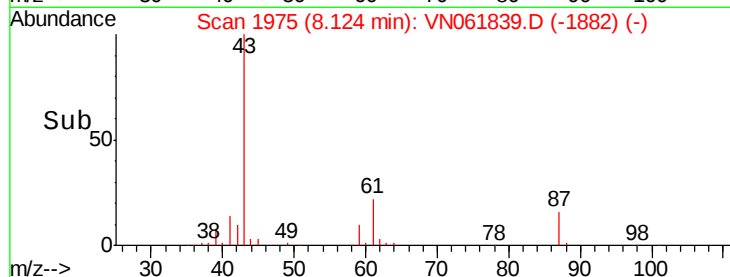
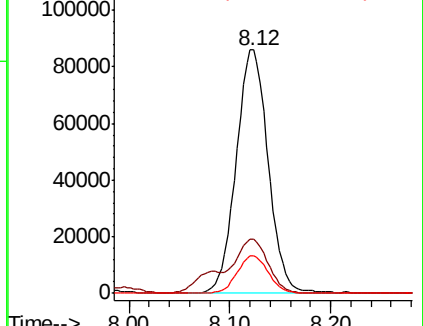
87 15.2 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061839.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061839.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061839.D (-1956) (-)



#44

Trichloroethene

Concen: 55.612 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061839.D

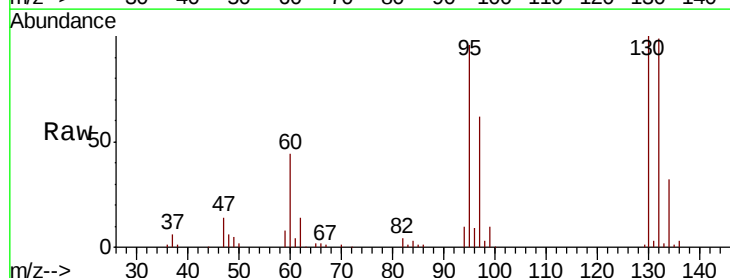
Acq: 17 Jun 2020 11:04

Tgt Ion:130 Resp: 119170

Ion Ratio Lower Upper

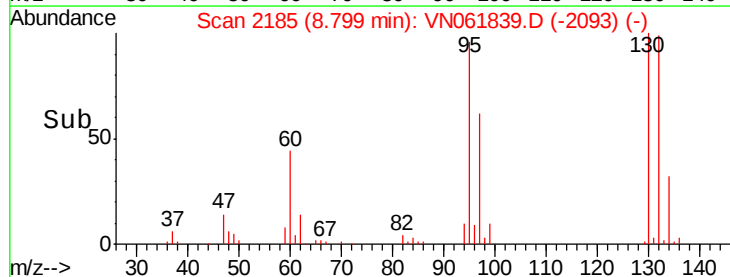
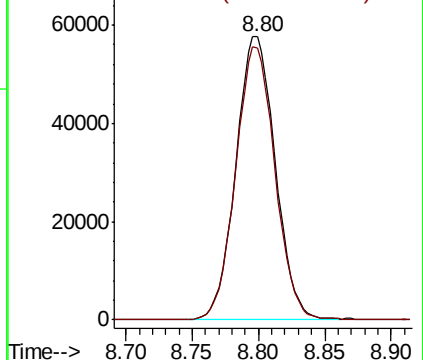
130 100

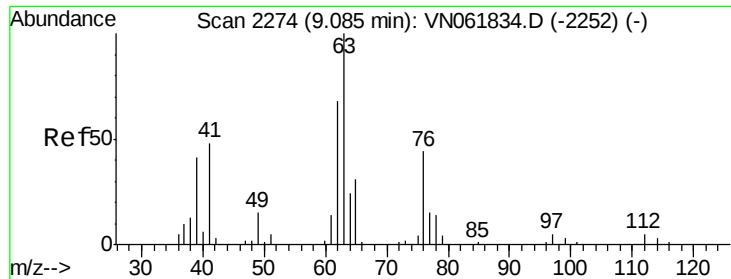
95 96.2 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061839.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061839.D (-2093) (-)

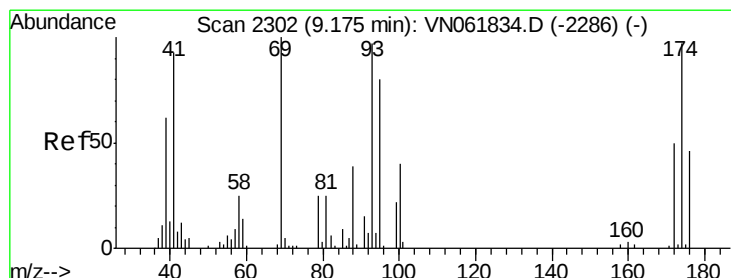
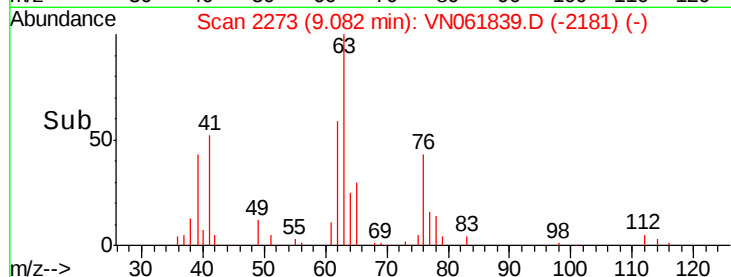
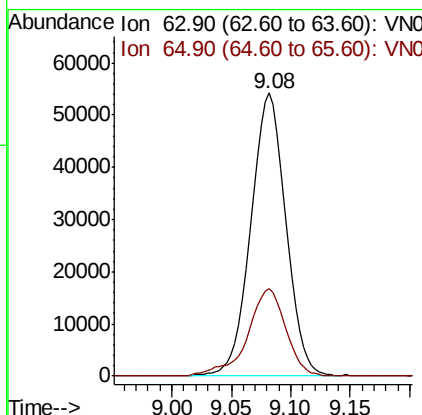
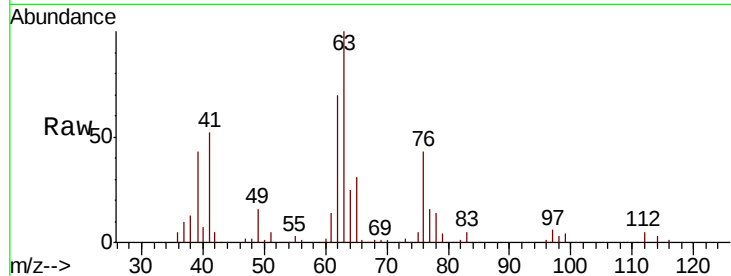




#45
 1,2-Dichloropropane
 Concen: 55.443 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

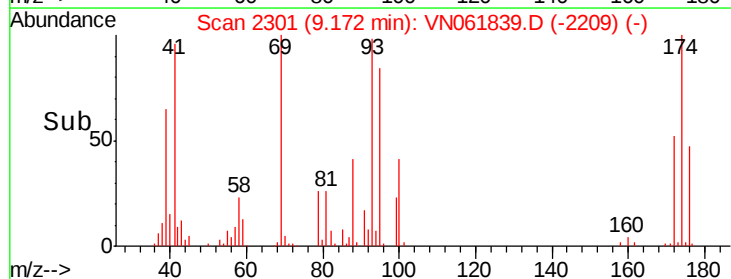
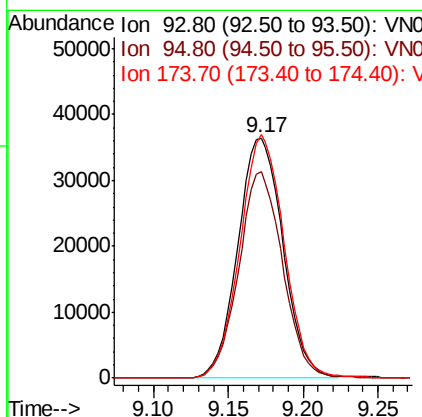
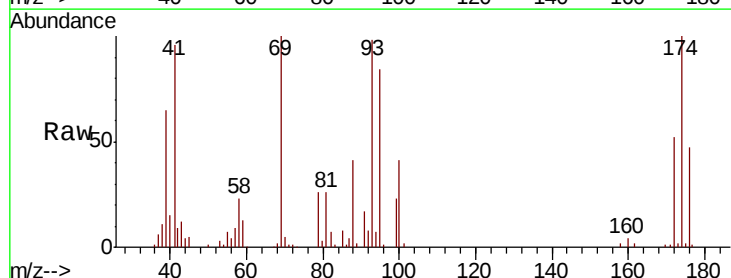
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 110942
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.1 37.7



#46
 Dibromomethane
 Concen: 54.157 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion: 93 Resp: 76312
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.8 98.6
 174 99.6 78.5 117.7





#47

Bromodichloromethane

Concen: 54.813 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

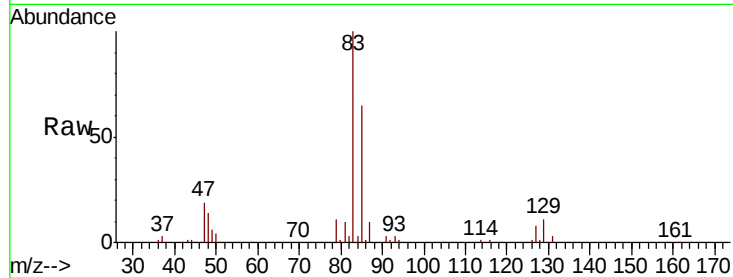
Tot Ion: 83 Resp: 158153

Ion Ratio Lower Upper

83 100

85 64.8 50.8 76.2

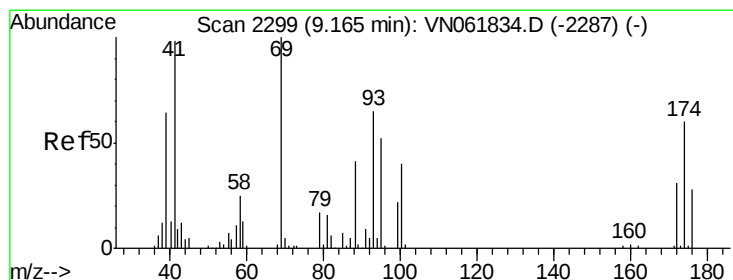
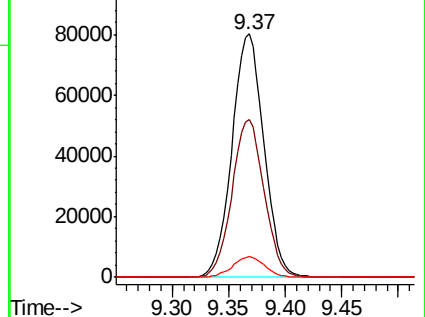
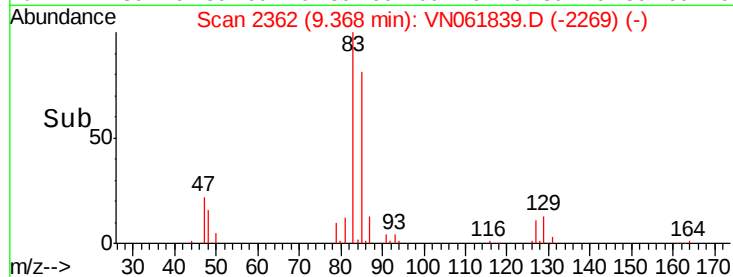
127 8.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061839.D (-2269) (-)

Ion 84.90 (84.60 to 85.60): VN061839.D (-2269) (-)

Ion 126.80 (126.50 to 127.50): VN061839.D (-2269) (-)



#48

Methyl methacrylate

Concen: 52.192 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

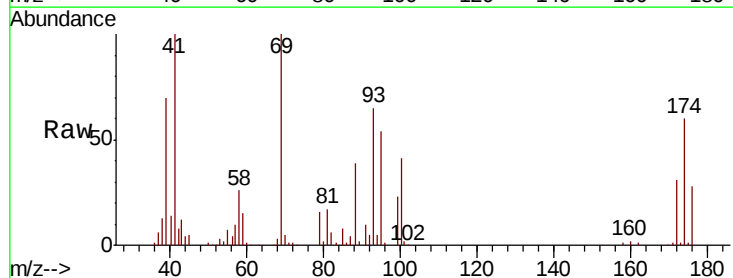
Tgt Ion: 41 Resp: 83959

Ion Ratio Lower Upper

41 100

69 103.9 83.0 124.4

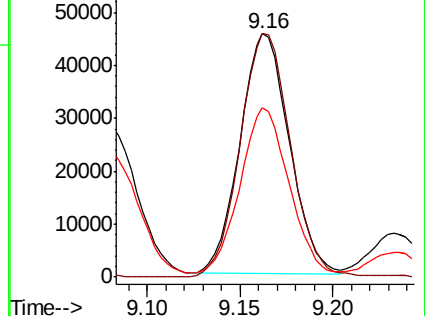
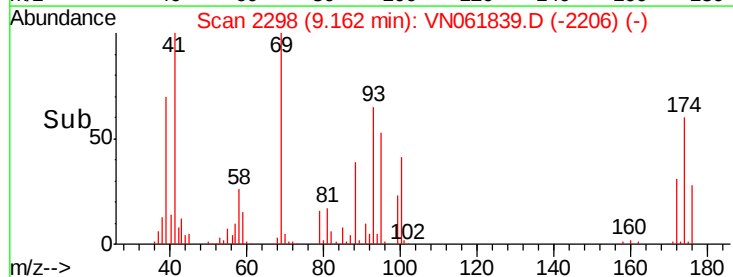
39 70.8 55.1 82.7



Abundance Ion 41.00 (40.70 to 41.70): VN061839.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061839.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061839.D (-2206) (-)

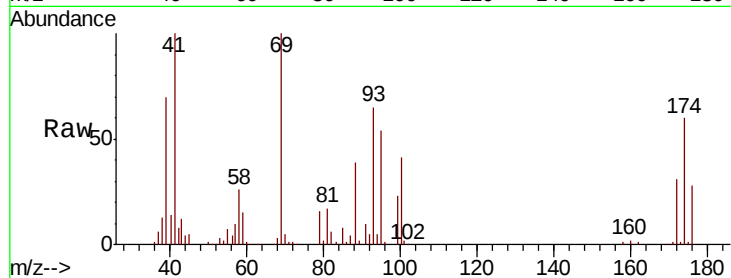




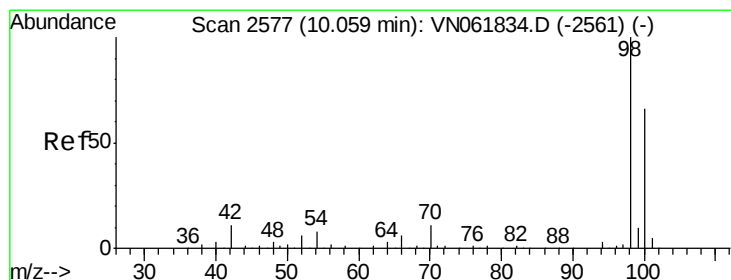
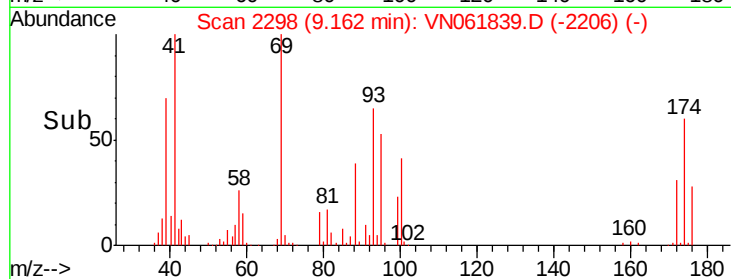
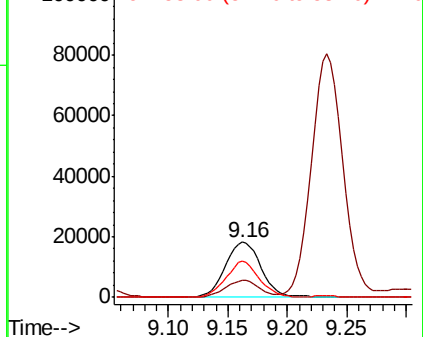
#49
 1,4-Dioxane
 Concen: 1038.092 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 38340
 Ion Ratio Lower Upper
 88 100
 43 29.1 23.4 35.2
 58 60.4 49.8 74.6

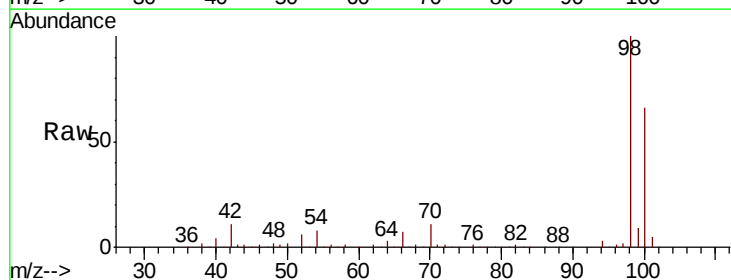


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

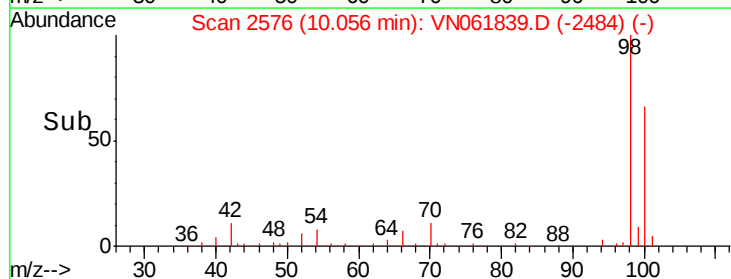
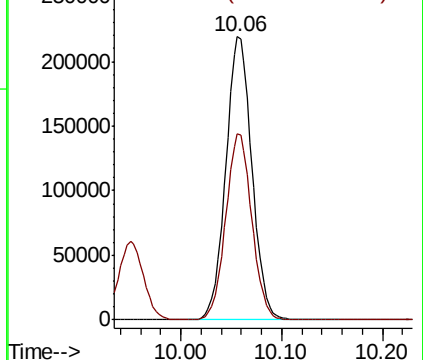


#50
 Toluene-d8
 Concen: 53.392 ug/l
 RT: 10.06 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion: 98 Resp: 395738
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.7 79.1



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

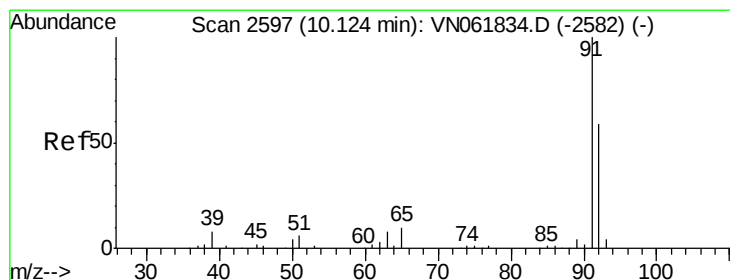
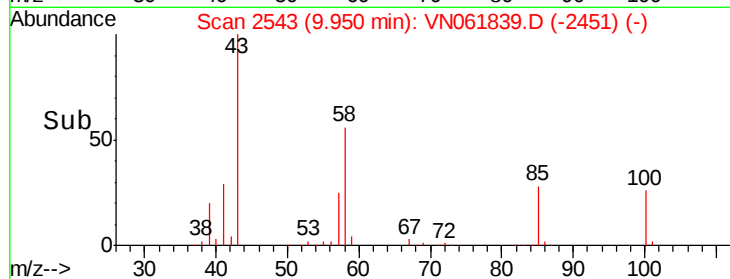
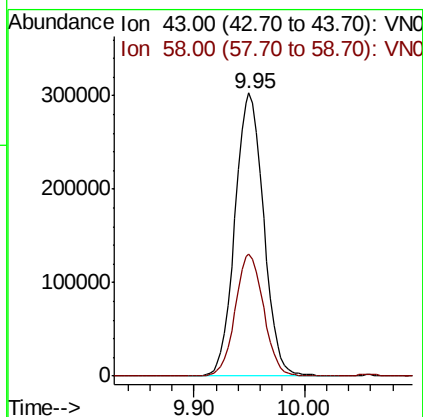
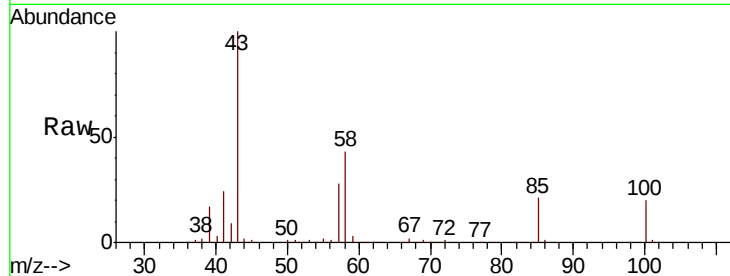




#51
4-Methyl-2-Pentanone
Concen: 261.370 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

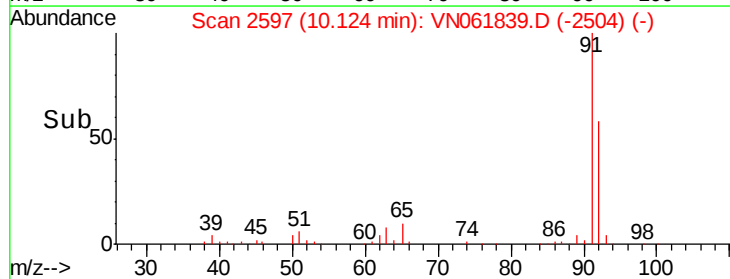
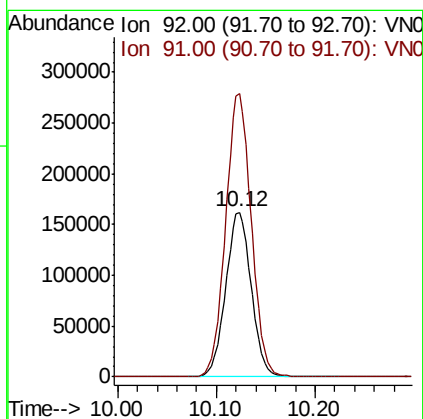
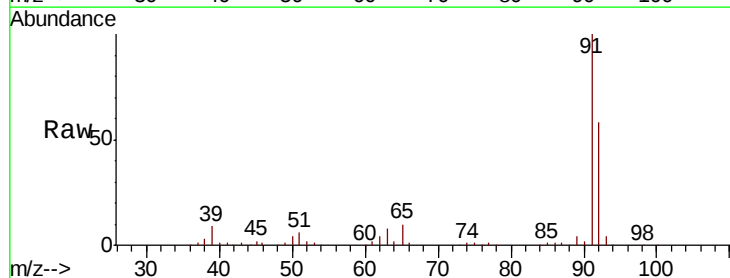
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

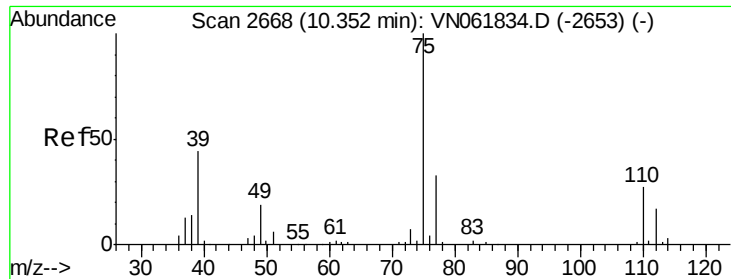
Tot Ion: 43 Resp: 546356
Ion Ratio Lower Upper
43 100
58 42.7 34.6 52.0



#52
Toluene
Concen: 57.388 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 92 Resp: 293467
Ion Ratio Lower Upper
92 100
91 173.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 57.769 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

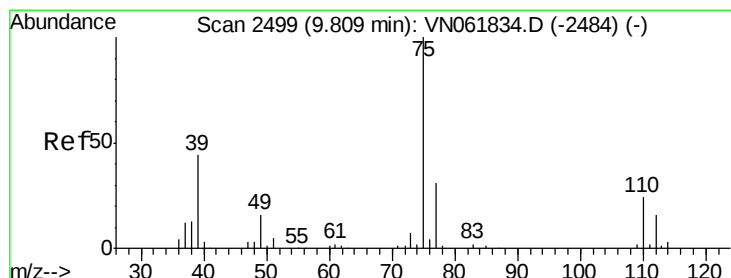
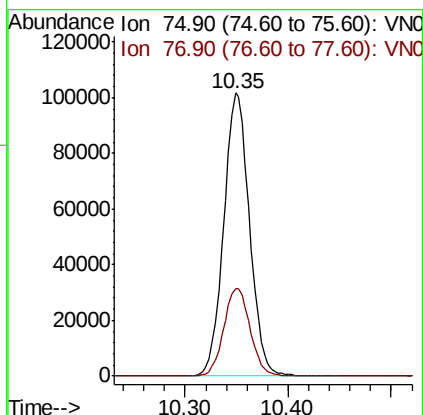
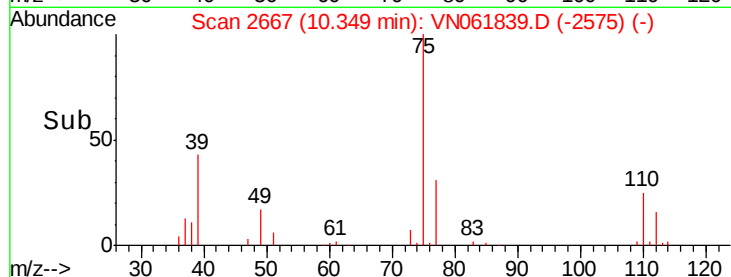
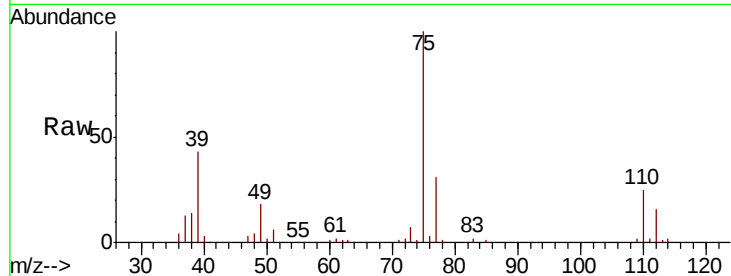
VSTDCCC050

Tot Ion: 75 Resp: 176947

Ion Ratio Lower Upper

75 100

77 31.1 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 57.706 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

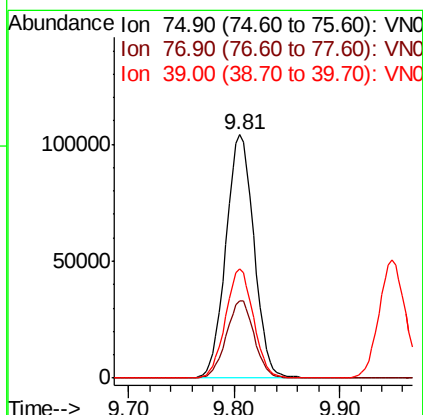
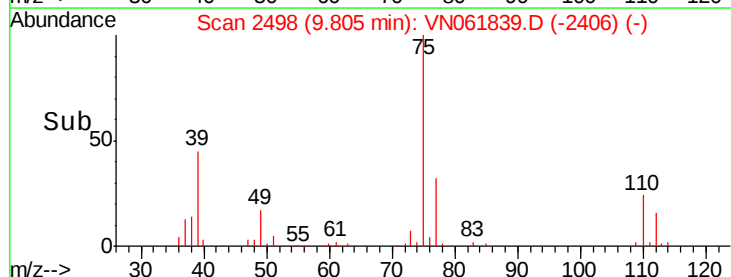
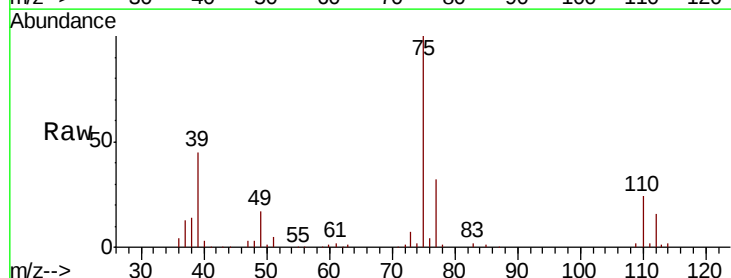
Tgt Ion: 75 Resp: 191983

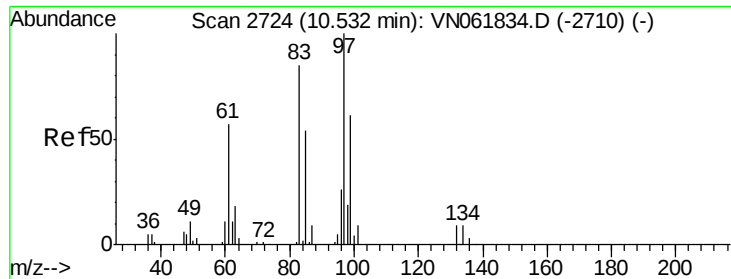
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 44.9 35.4 53.0

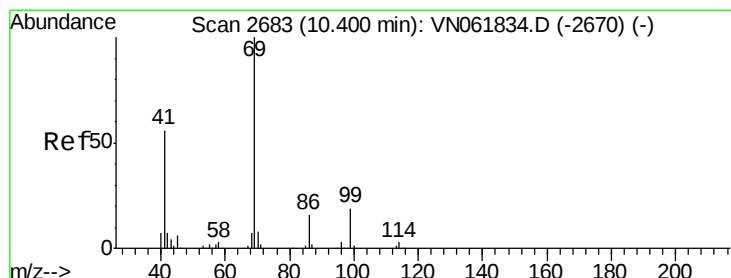
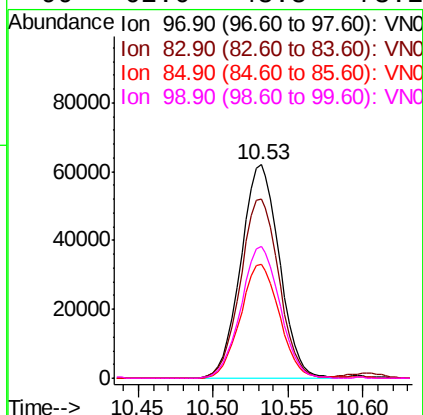
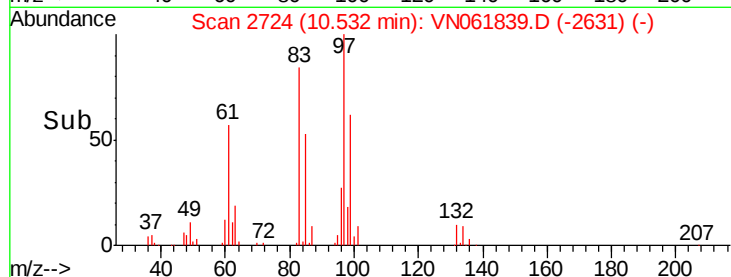
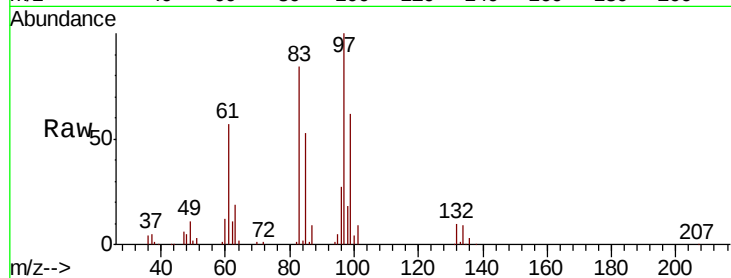




#55
 1,1,2-Trichloroethane
 Concen: 55.351 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

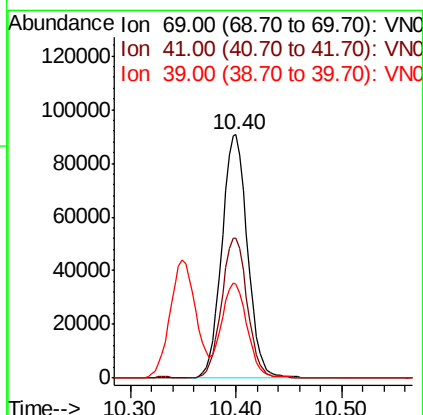
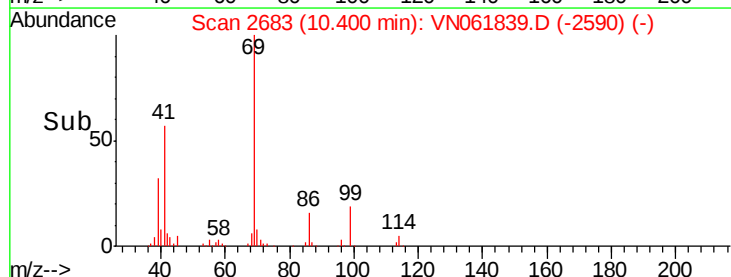
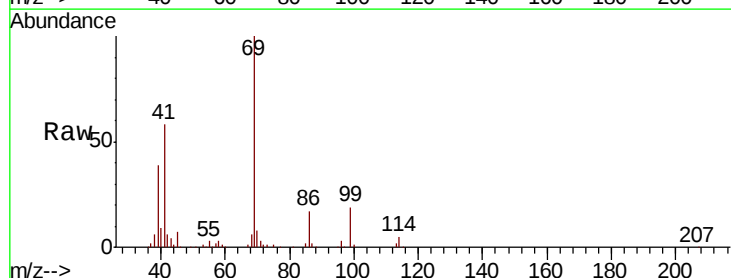
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

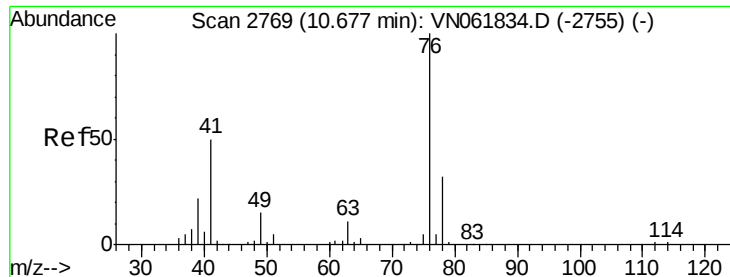
Tot Ion:	97	Resp:	111366
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.7	101.5
85	53.3	43.4	65.0
99	62.0	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 49.715 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion:	69	Resp:	152734
Ion	Ratio	Lower	Upper
69	100		
41	57.1	44.9	67.3
39	39.0	30.0	45.0

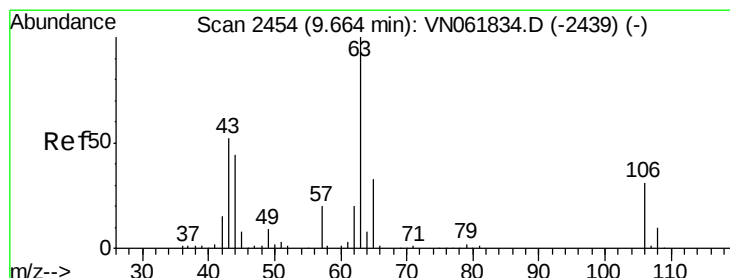
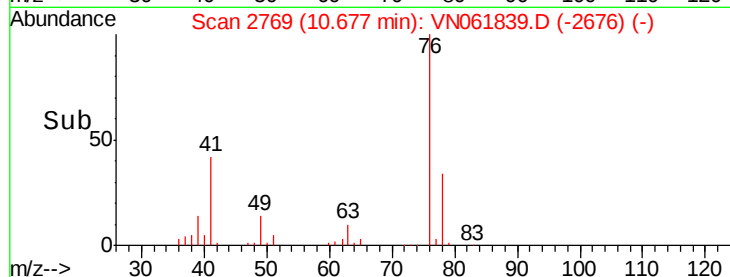
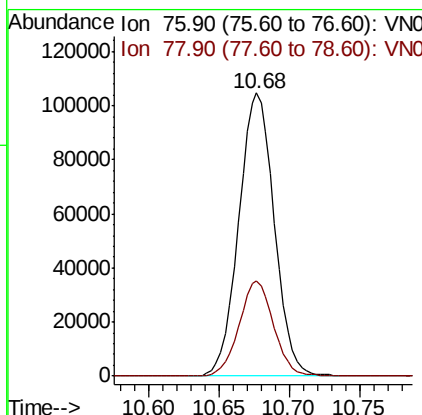
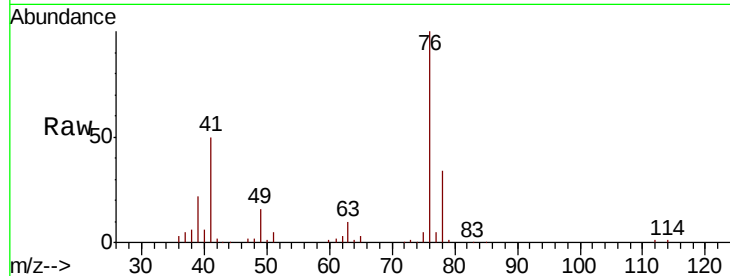




#57
 1,3-Dichloropropane
 Concen: 54.212 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

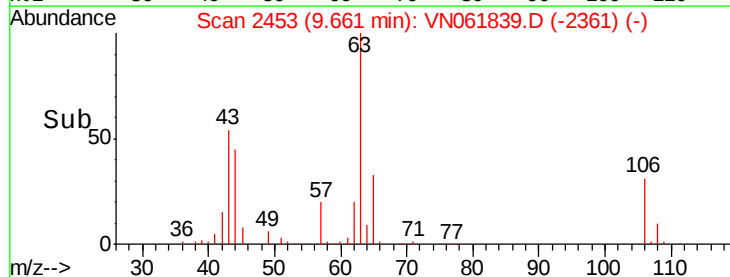
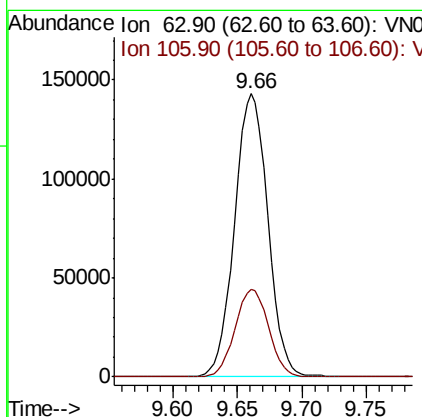
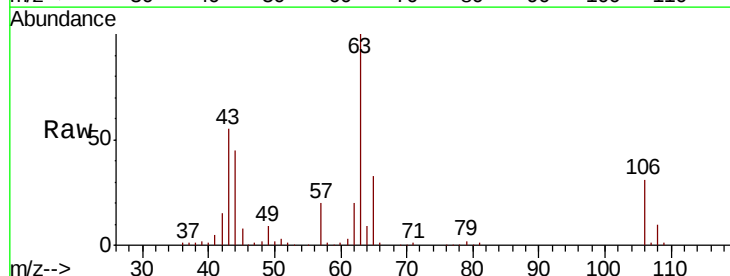
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

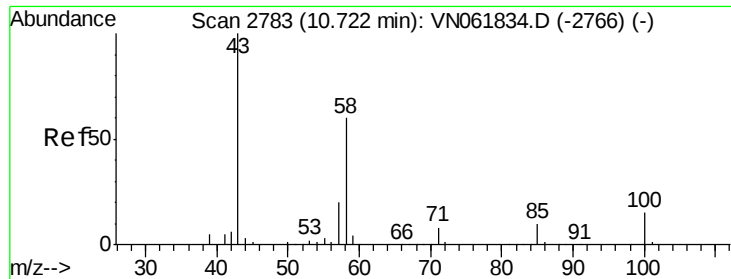
Tot Ion: 76 Resp: 184785
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.195 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion: 63 Resp: 257176
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.6 36.8

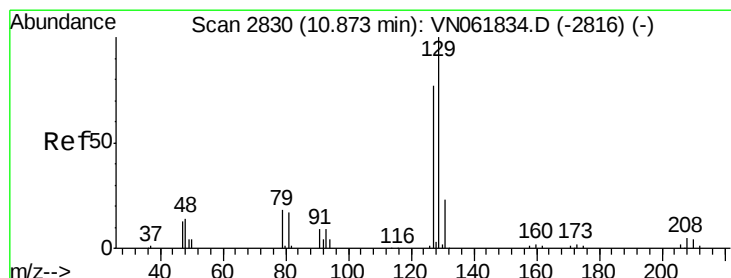
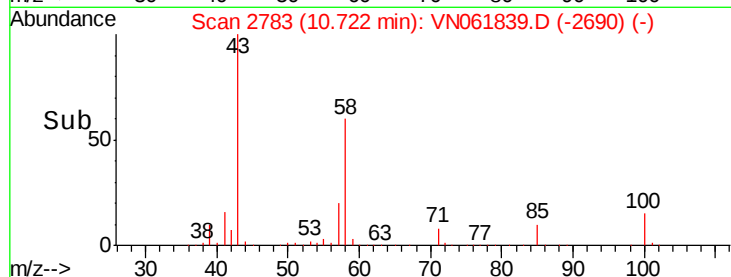
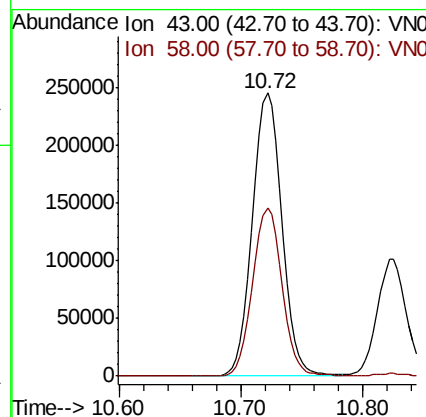
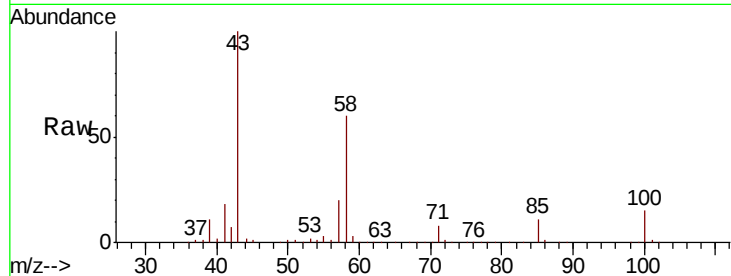




#59
2-Hexanone
Concen: 245.244 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

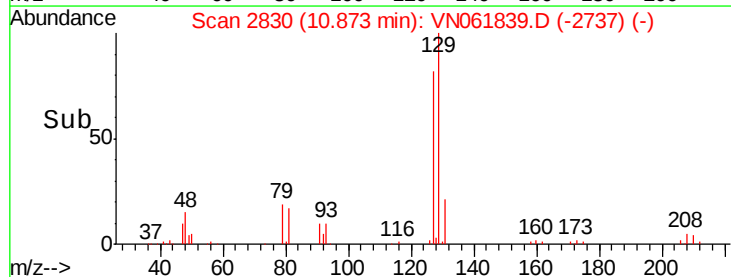
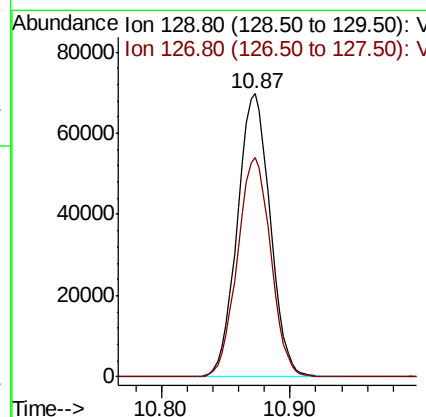
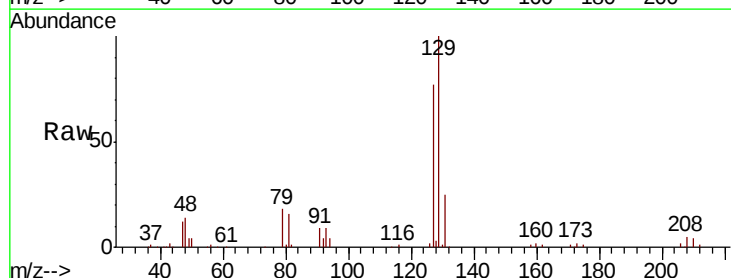
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 409111
Ion Ratio Lower Upper
43 100
58 59.3 30.1 90.5



#60
Dibromochloromethane
Concen: 55.060 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 129 Resp: 123613
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5

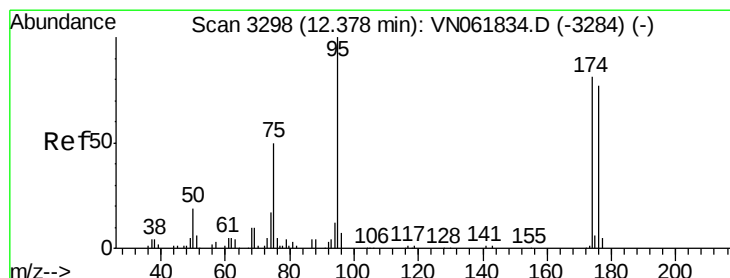
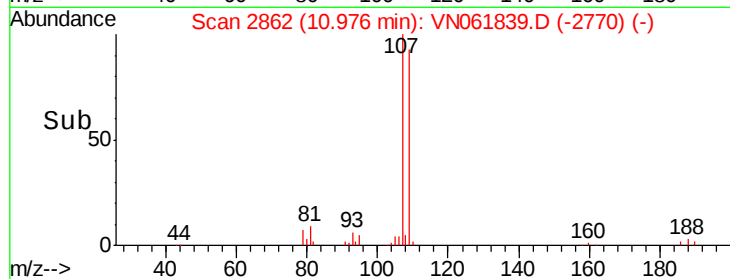
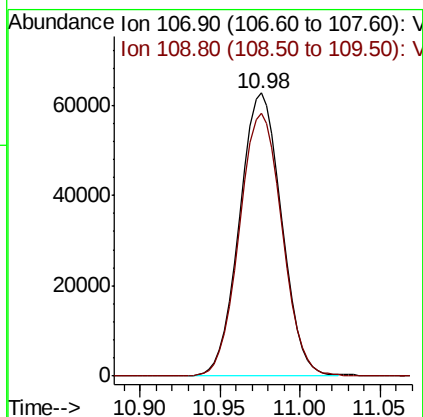
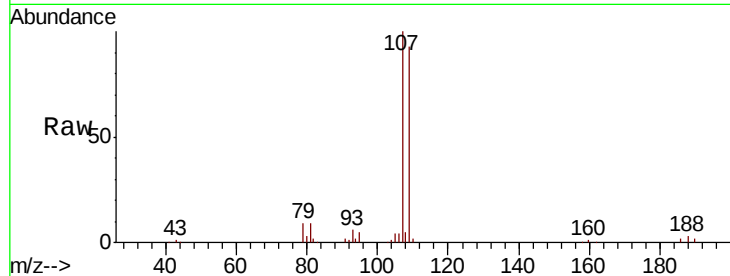




#61
 1,2-Dibromoethane
 Concen: 53.618 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

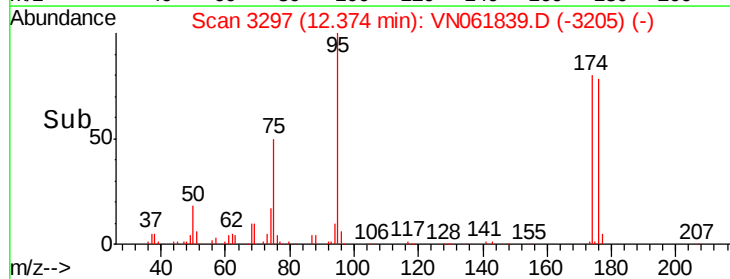
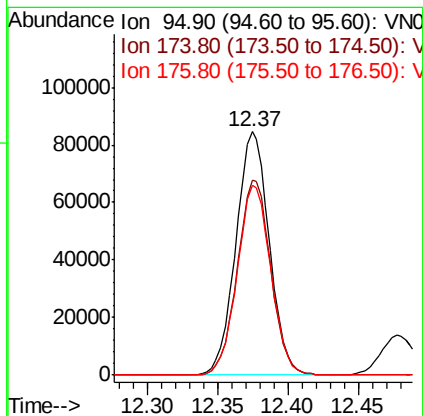
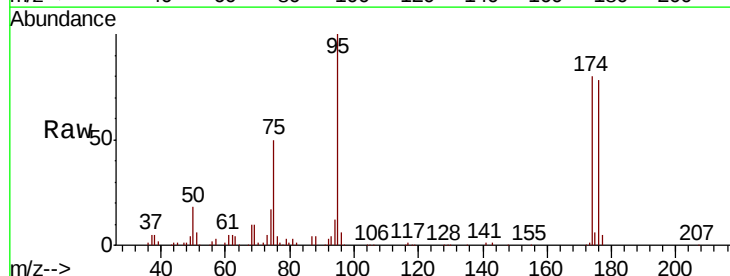
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:107 Resp: 112646
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 55.091 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion: 95 Resp: 140063
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 158.6
 176 78.5 0.0 152.0

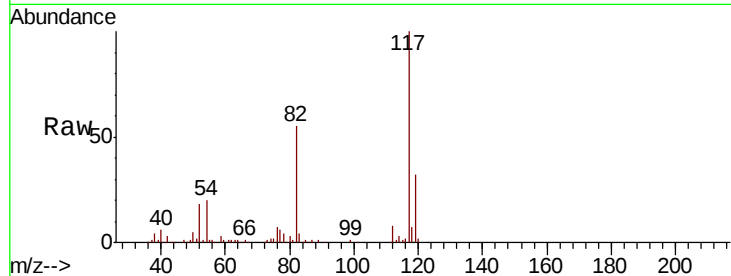




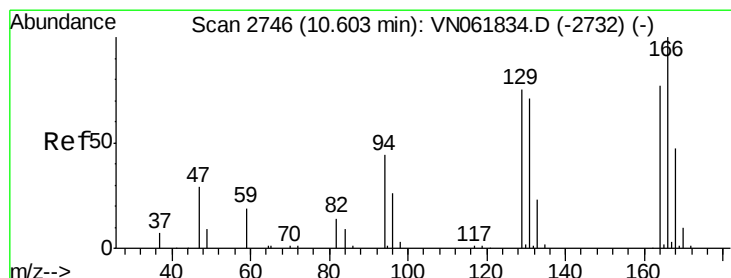
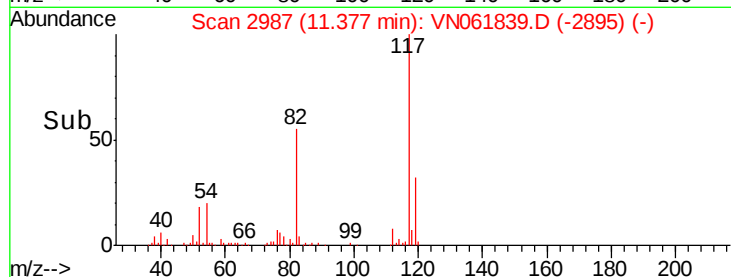
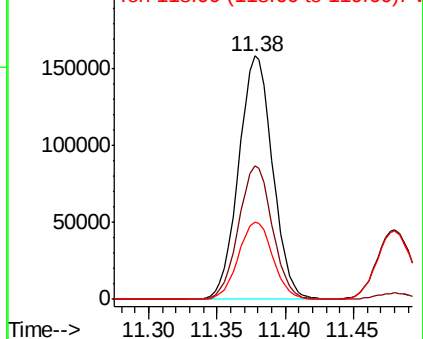
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 274217
Ion Ratio Lower Upper
117 100
82 55.0 42.6 64.0
119 31.7 24.7 37.1

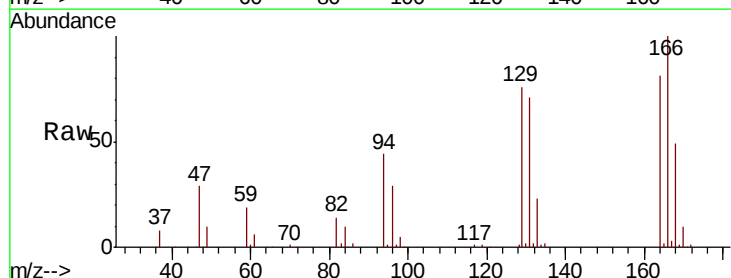


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

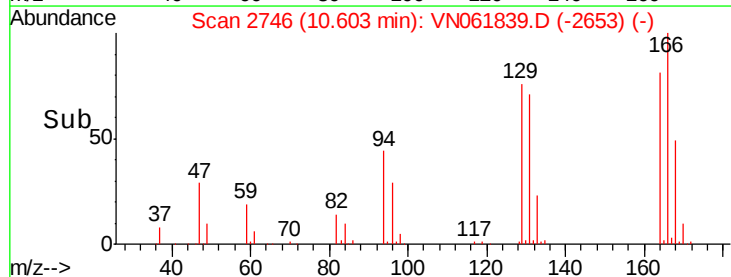
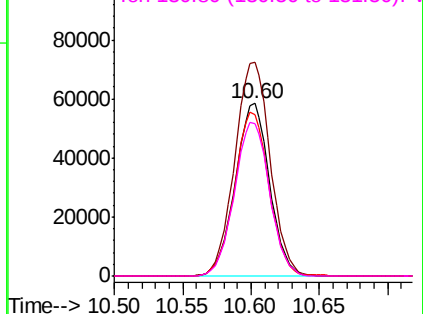


#64
Tetrachloroethene
Concen: 58.286 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion:164 Resp: 101870
Ion Ratio Lower Upper
164 100
166 124.0 103.5 155.3
129 93.7 77.5 116.3
131 88.4 73.8 110.8



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: 54.880 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

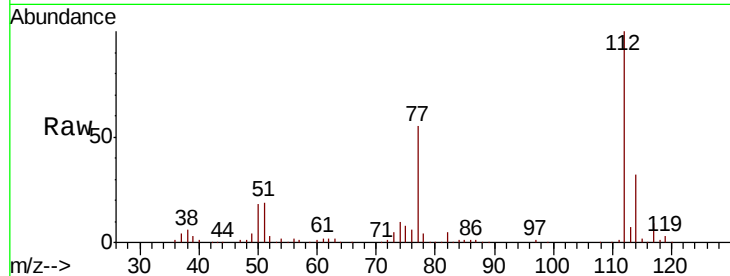
VSTDCCC050

Tot Ion:112 Resp: 317549

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.40

200000

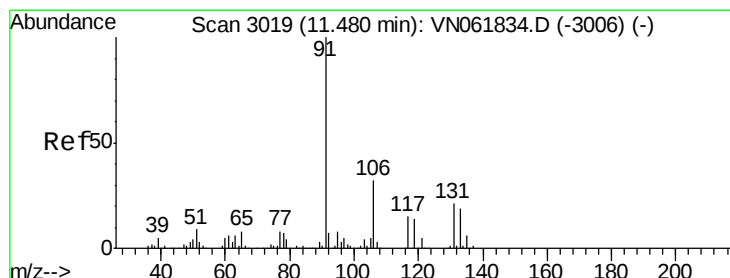
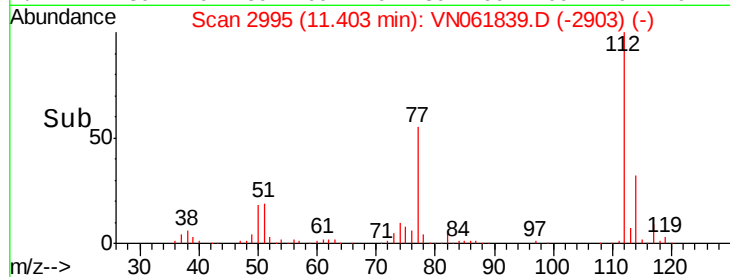
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 56.896 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

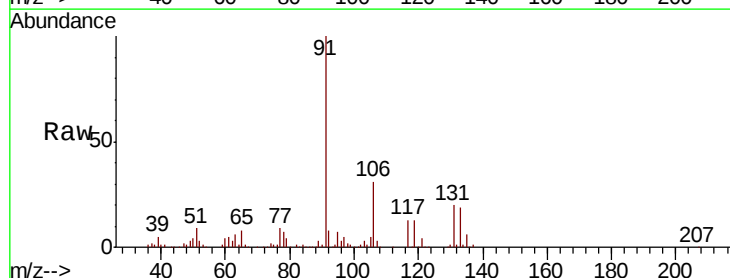
Tgt Ion:131 Resp: 114818

Ion Ratio Lower Upper

131 100

133 94.8 47.5 142.5

119 68.2 34.0 101.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

80000

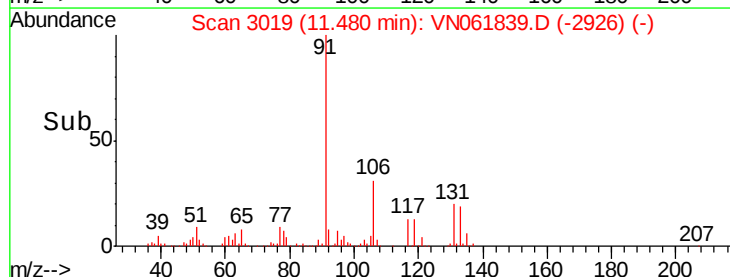
60000

40000

20000

0

Time--> 11.40 11.45 11.50 11.55

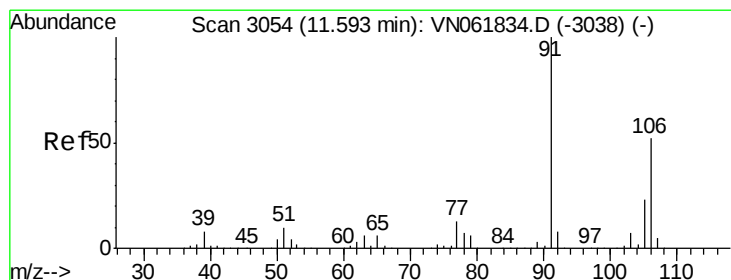
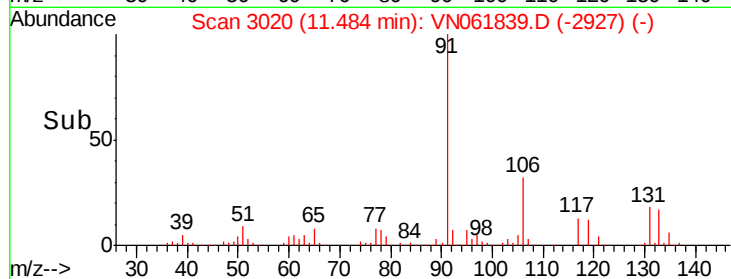
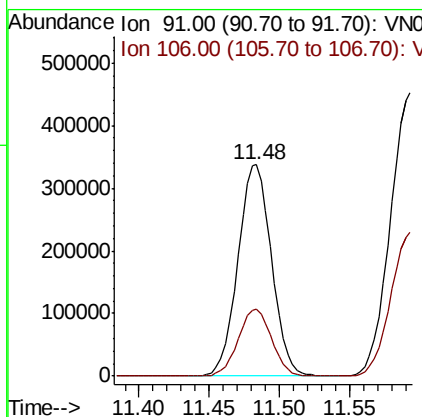
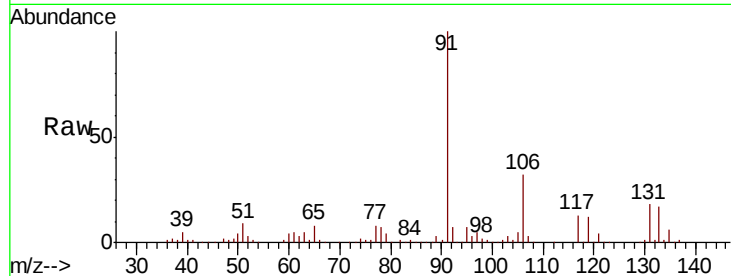




#67
Ethyl Benzene
Concen: 58.150 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

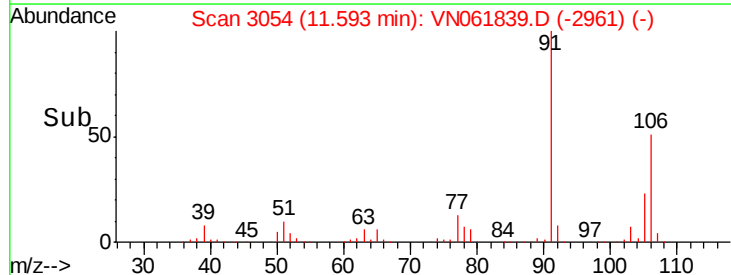
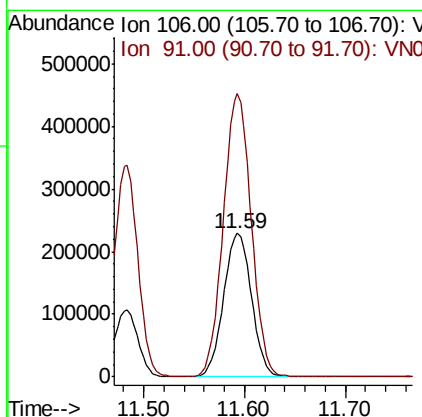
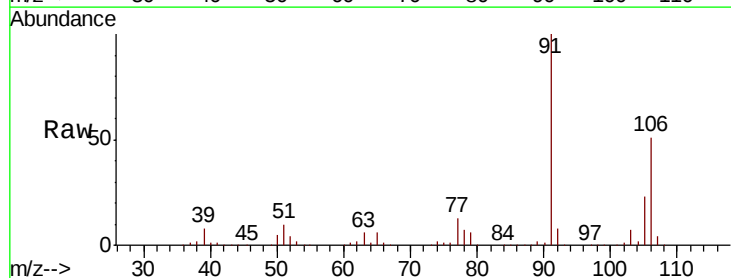
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

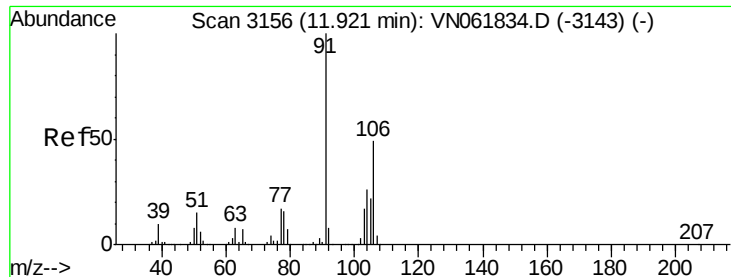
Tot Ion: 91 Resp: 564133
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 119.009 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 106 Resp: 445195
Ion Ratio Lower Upper
106 100
91 196.4 157.0 235.6

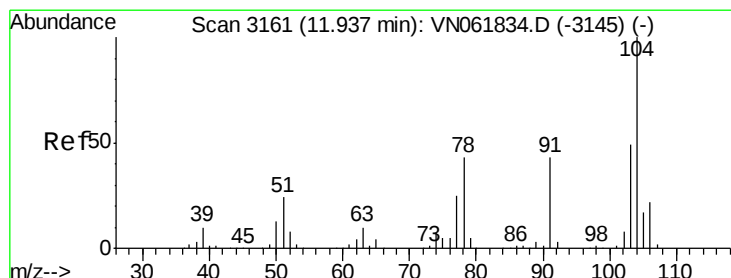
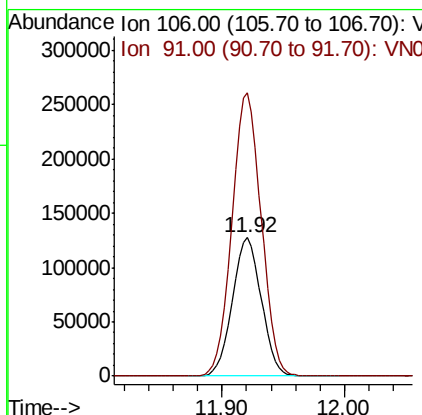
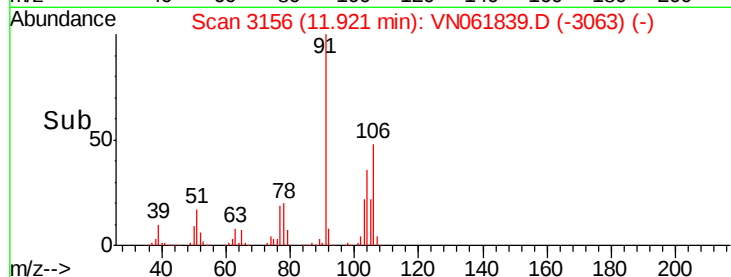
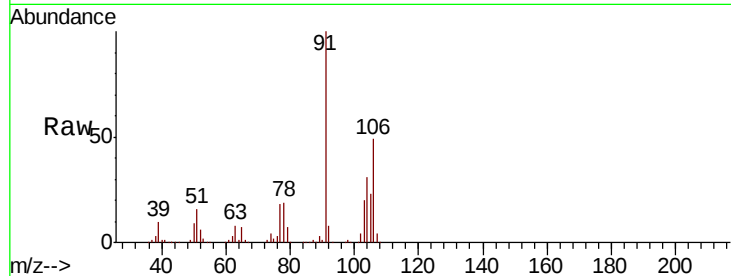




#69
o-Xylene
Concen: 58.839 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

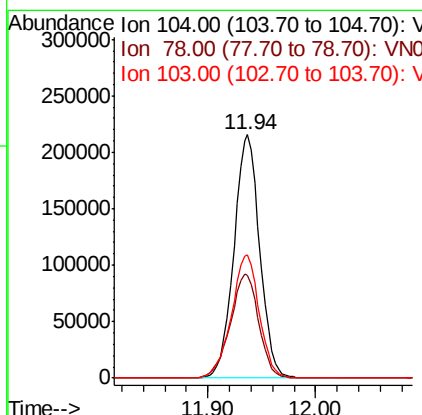
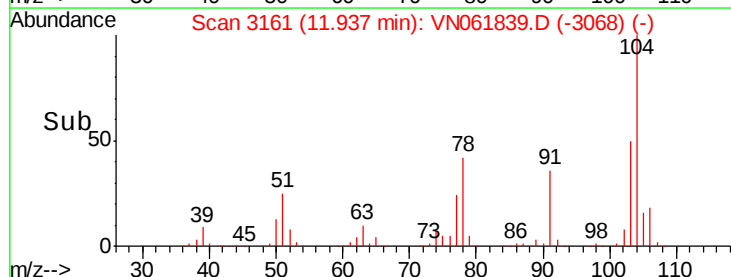
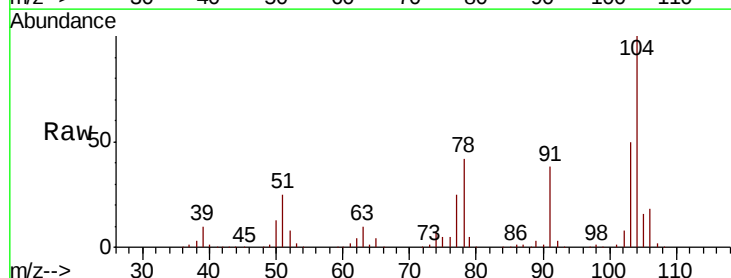
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

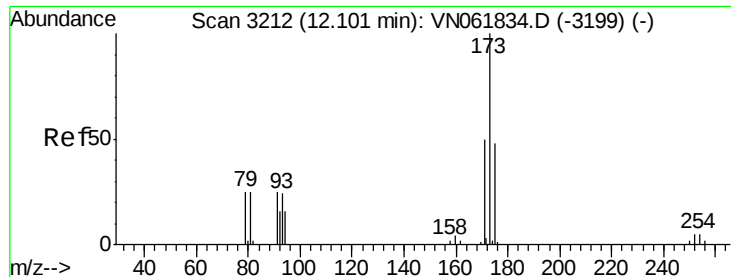
Tot Ion:106 Resp: 210017
Ion Ratio Lower Upper
106 100
91 207.2 103.0 308.9



#70
Styrene
Concen: 60.210 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion:104 Resp: 359843
Ion Ratio Lower Upper
104 100
78 47.1 37.6 56.4
103 54.3 43.0 64.4





#71

Bromoform

Concen: 56.206 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

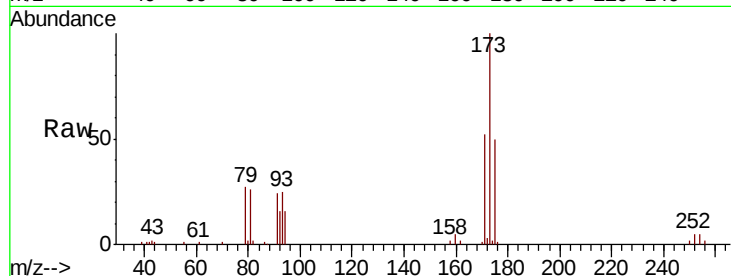
Tot Ion:173 Resp: 82703

Ion Ratio Lower Upper

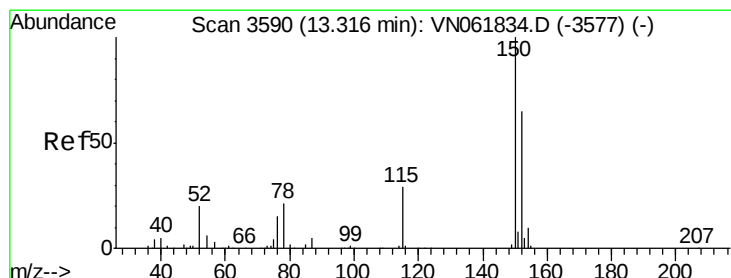
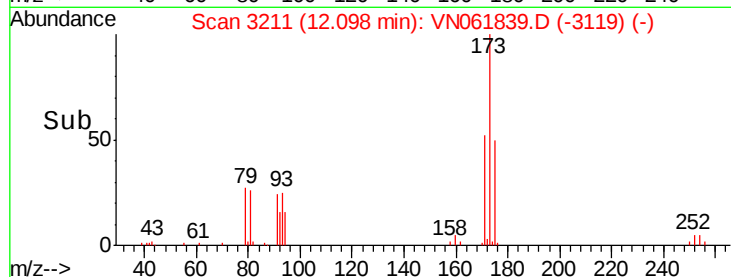
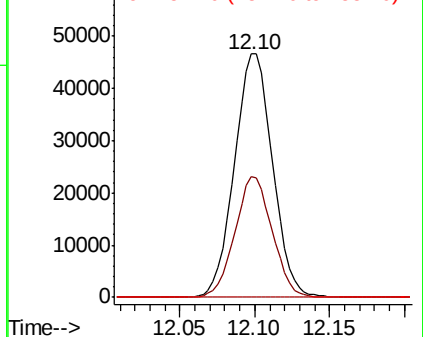
173 100

175 48.2 23.9 71.7

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# 3590

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

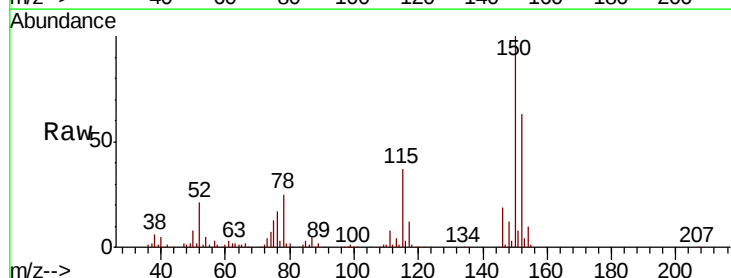
Tgt Ion:152 Resp: 139466

Ion Ratio Lower Upper

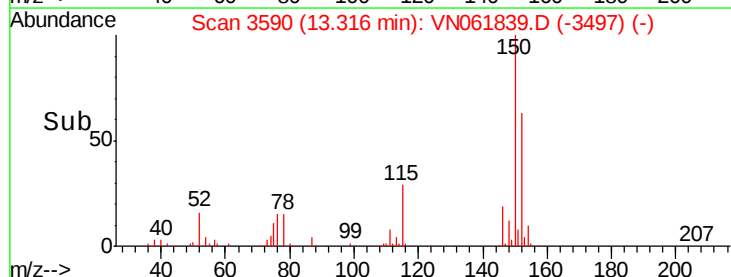
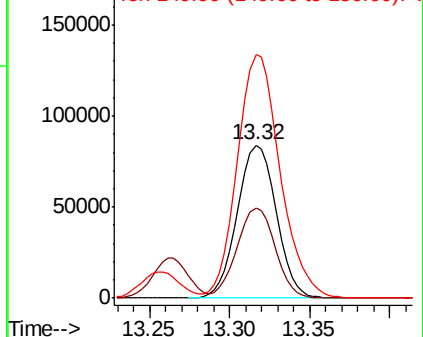
152 100

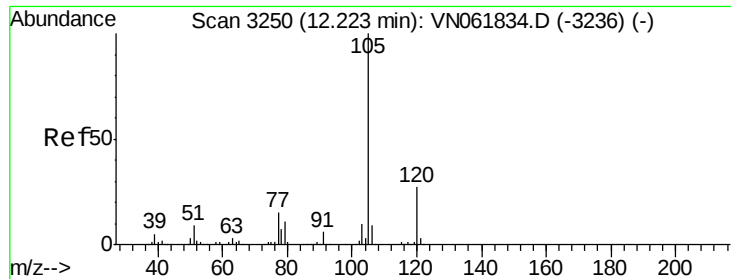
115 58.1 29.1 87.3

150 175.6 0.0 347.6



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: 56.340 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

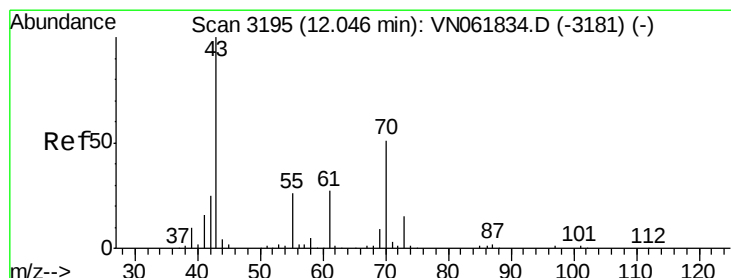
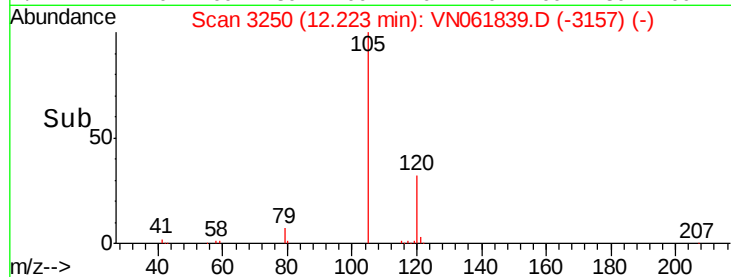
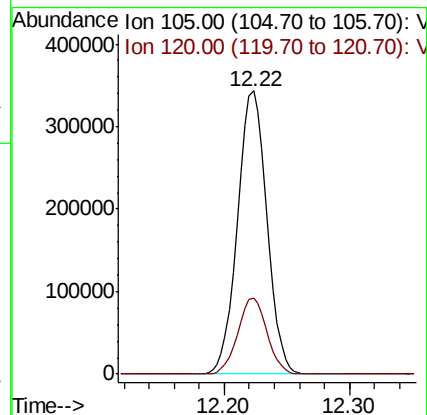
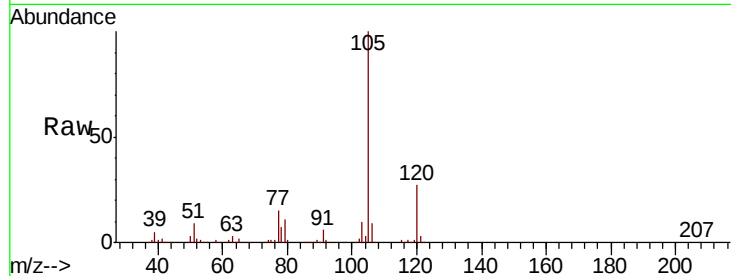
VSTDCCC050

Tot Ion:105 Resp: 558368

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 48.634 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Tgt Ion: 43 Resp: 174232

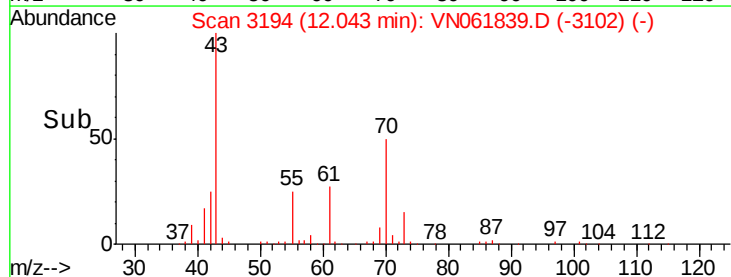
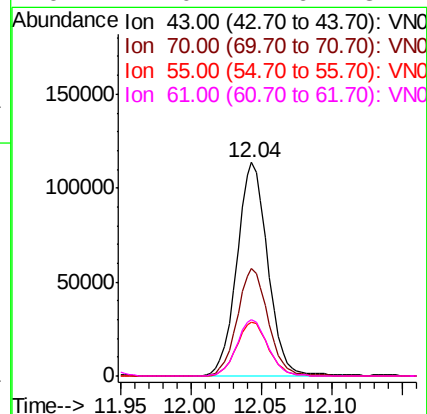
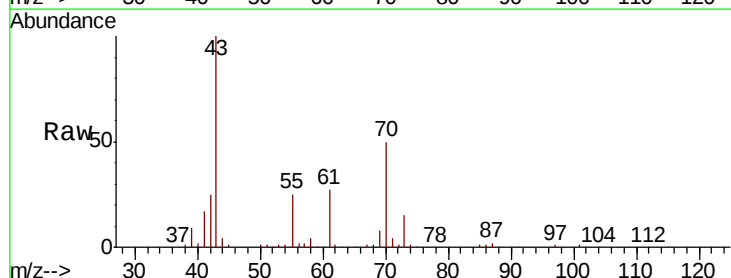
Ion Ratio Lower Upper

43 100

70 50.5 40.6 60.8

55 26.2 21.5 32.3

61 27.0 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.531 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

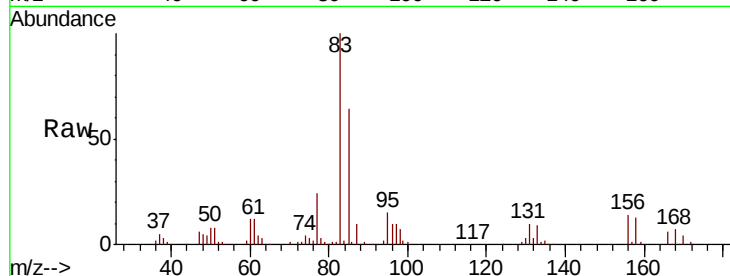
Tot Ion: 83 Resp: 156375

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

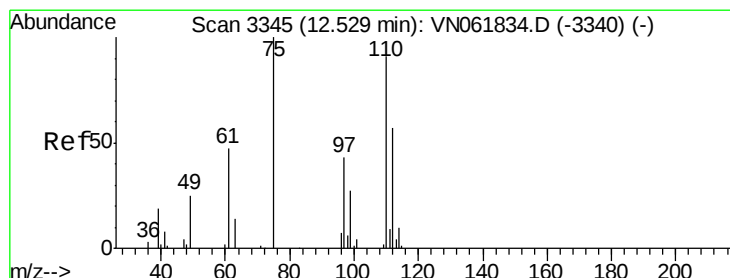
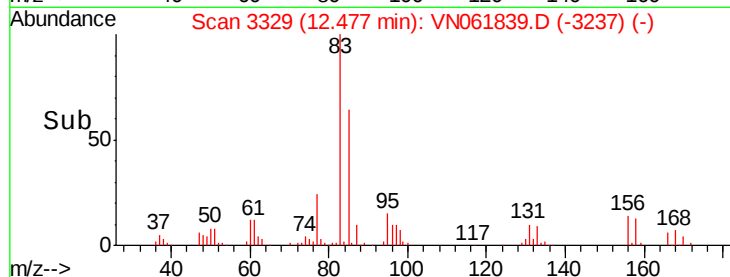
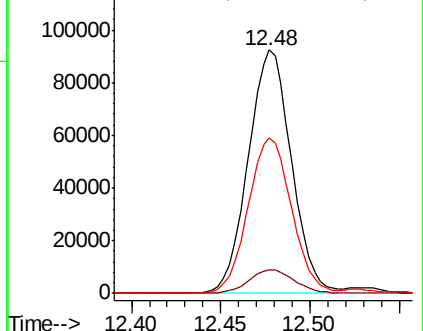
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061839.D (-3327) (-)

Ion 130.80 (130.50 to 131.50): VN061839.D (-3327) (-)

Ion 84.90 (84.60 to 85.60): VN061839.D (-3327) (-)



#76

1,2,3-Trichloropropane

Concen: 72.228 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061839.D

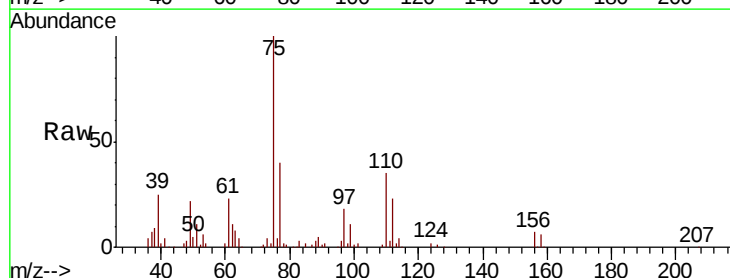
Acq: 17 Jun 2020 11:04

Tgt Ion: 75 Resp: 197765

Ion Ratio Lower Upper

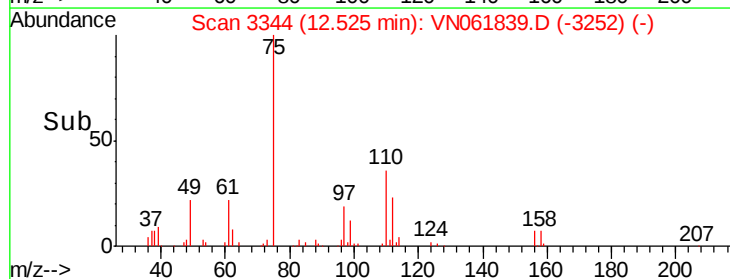
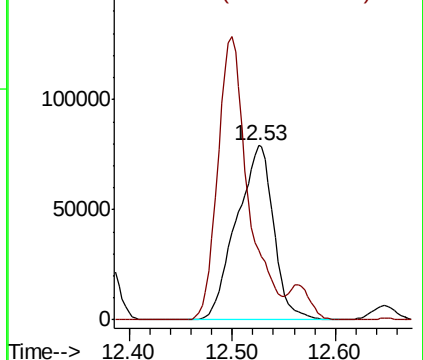
75 100

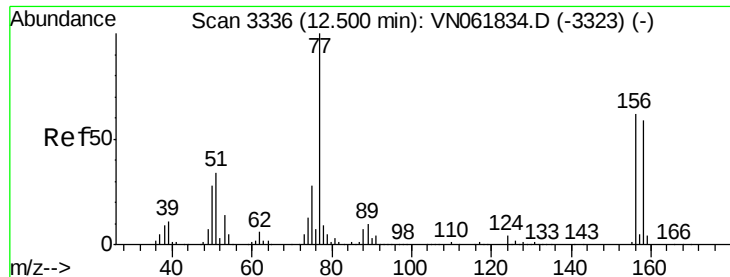
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061839.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061839.D (-3252) (-)





#77

Bromobenzene

Concen: 54.064 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

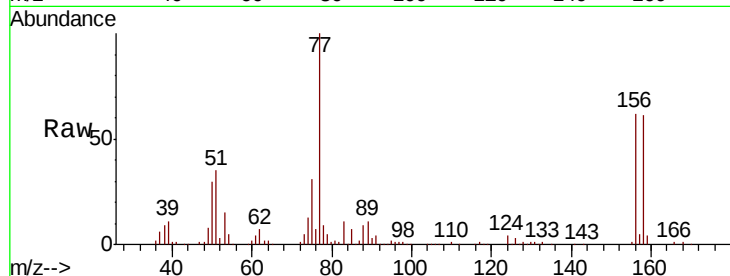
Tot Ion:156 Resp: 135176

Ion Ratio Lower Upper

156 100

77 194.2 100.7 302.1

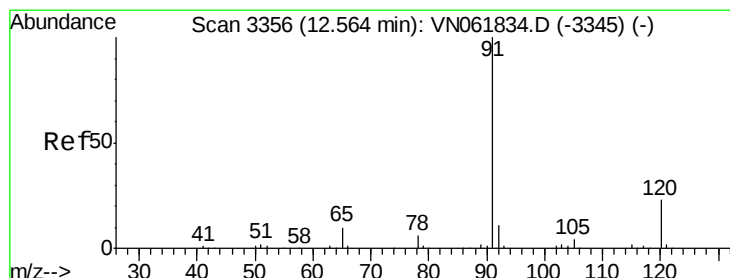
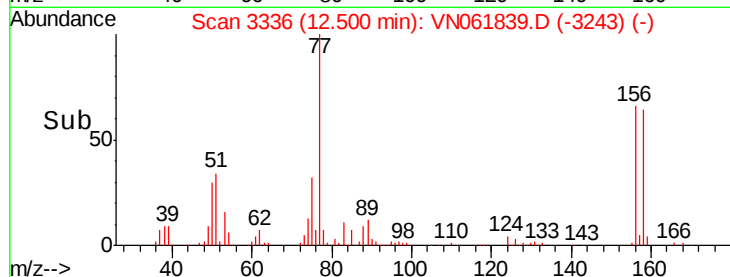
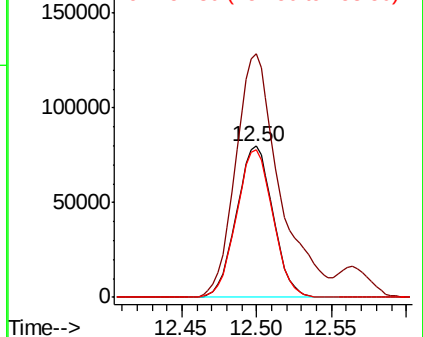
158 97.8 48.5 145.5



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: 57.166 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061839.D

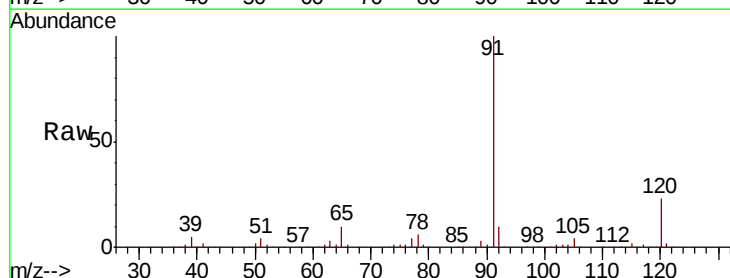
Acq: 17 Jun 2020 11:04

Tgt Ion: 91 Resp: 646456

Ion Ratio Lower Upper

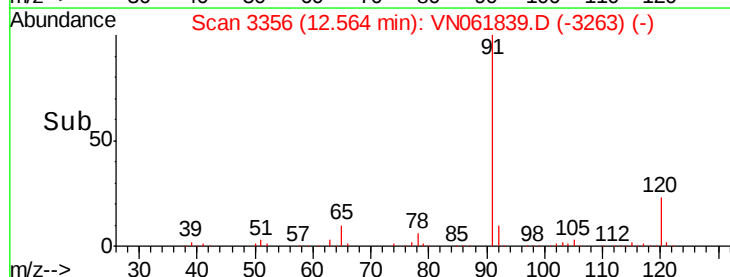
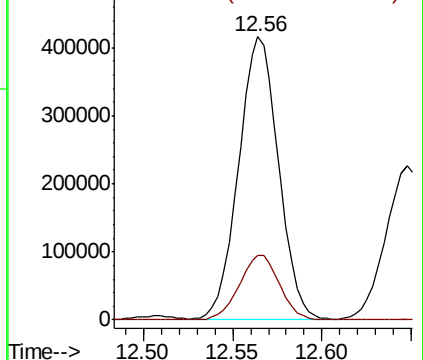
91 100

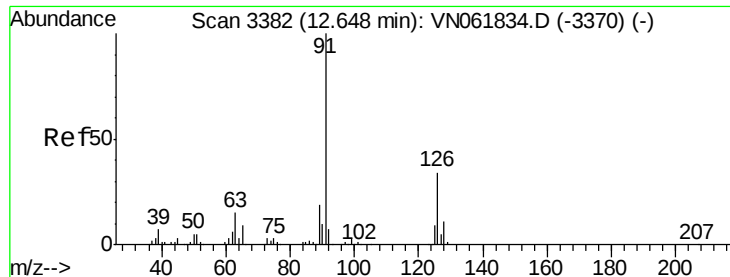
120 23.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.724 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

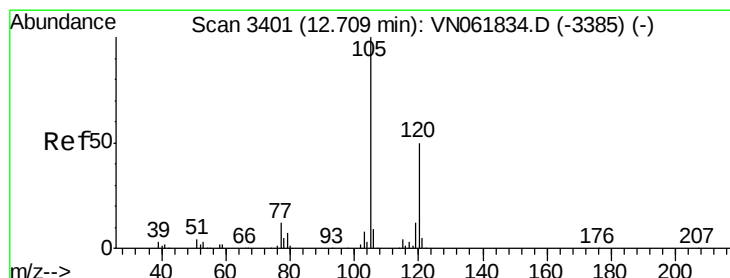
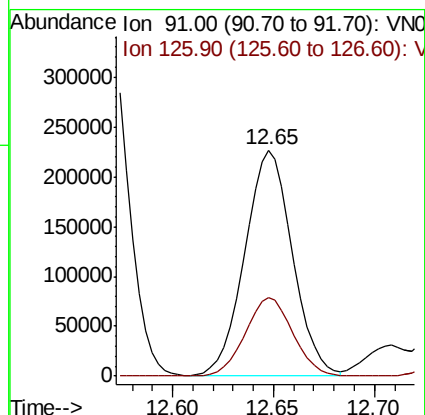
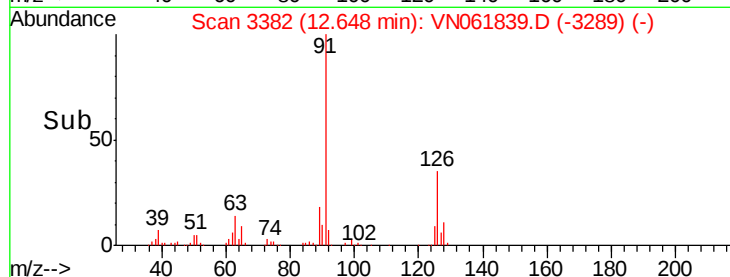
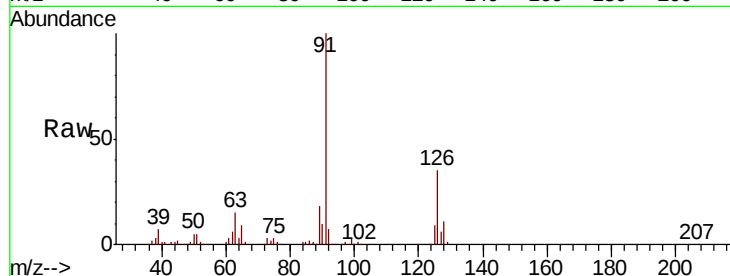
VSTDCCC050

Tot Ion: 91 Resp: 371674

Ion Ratio Lower Upper

91 100

126 35.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 57.422 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061839.D

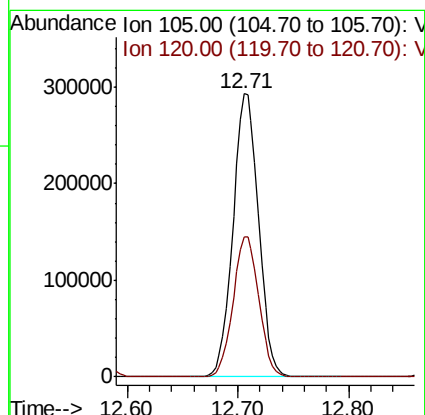
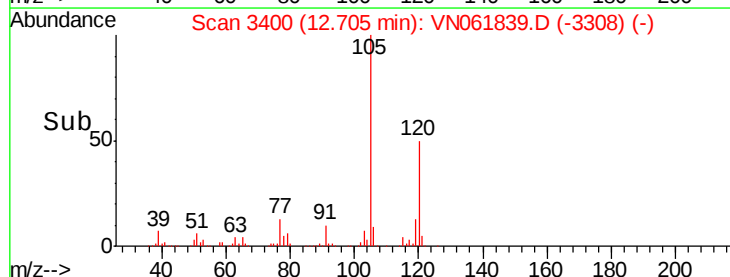
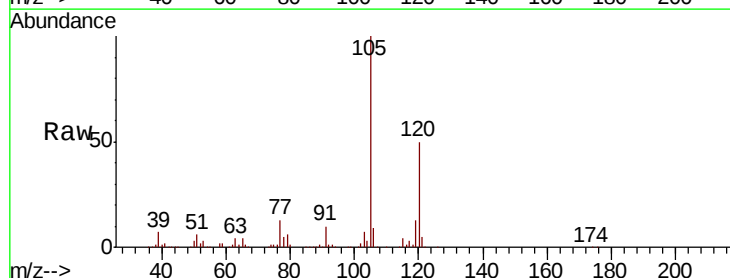
Acq: 17 Jun 2020 11:04

Tgt Ion: 105 Resp: 470819

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.761 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

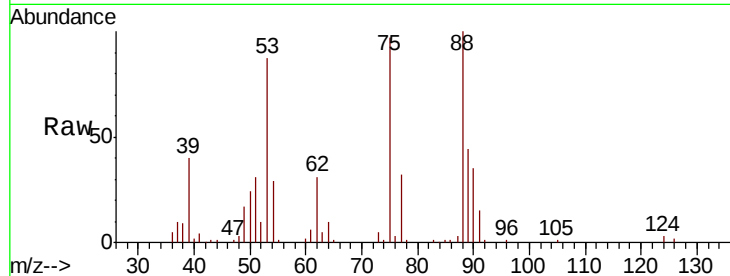
Tot Ion: 75 Resp: 52967

Ion Ratio Lower Upper

75 100

53 88.9 70.4 105.6

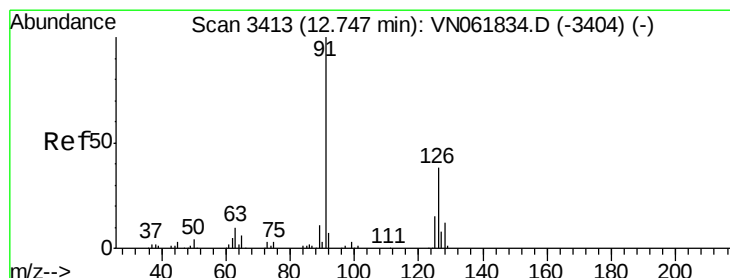
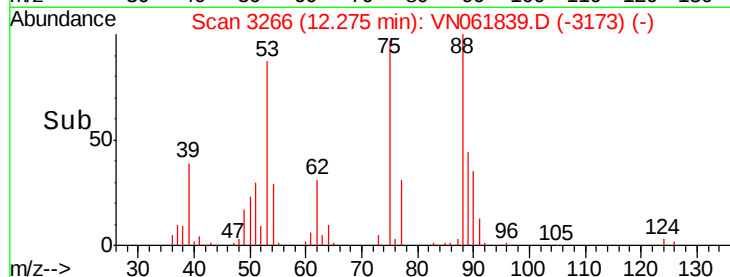
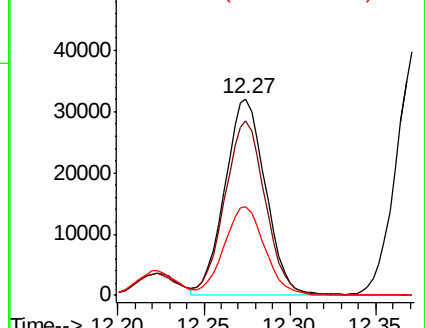
89 45.1 36.0 54.0



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: 56.093 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061839.D

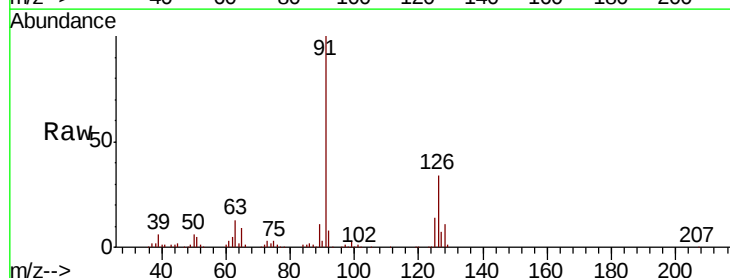
Acq: 17 Jun 2020 11:04

Tgt Ion: 91 Resp: 393659

Ion Ratio Lower Upper

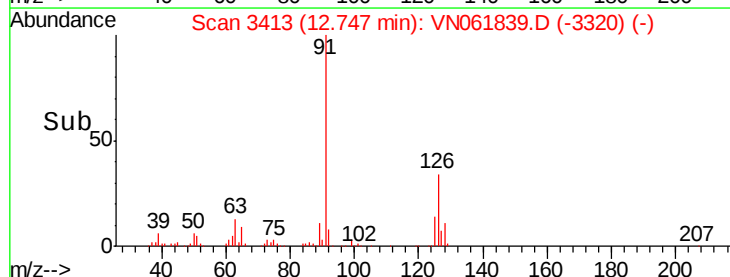
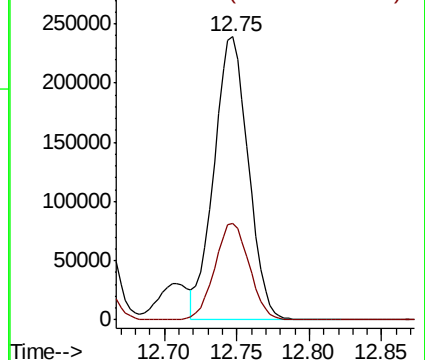
91 100

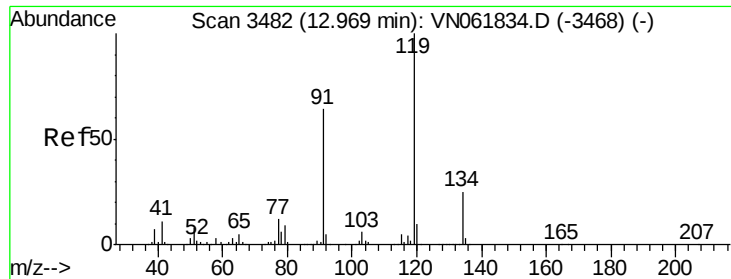
126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

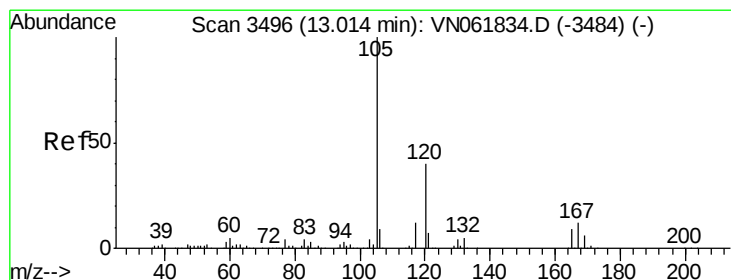
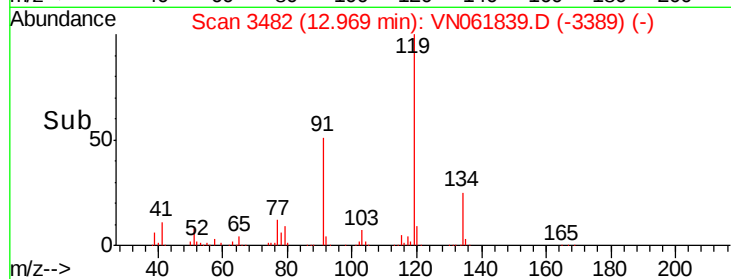
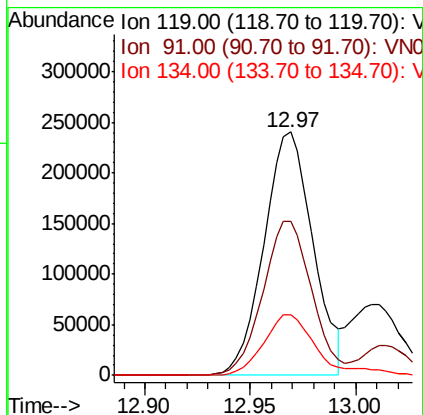
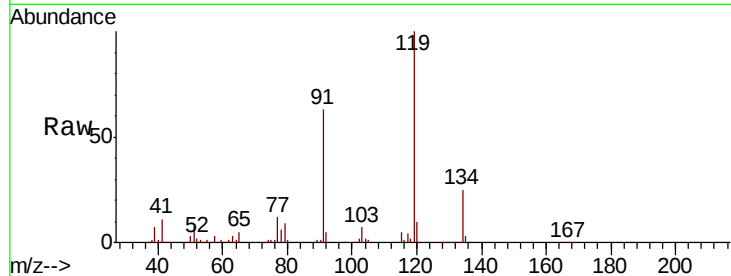




#83
tert-Butylbenzene
Concen: 55.873 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

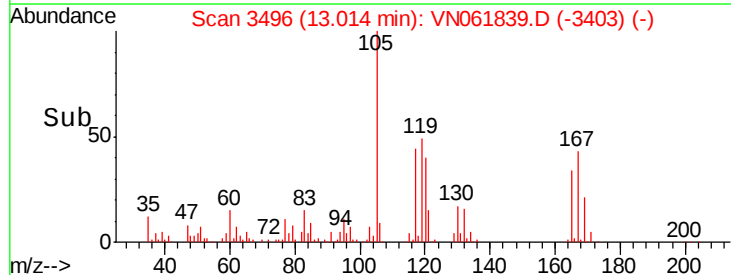
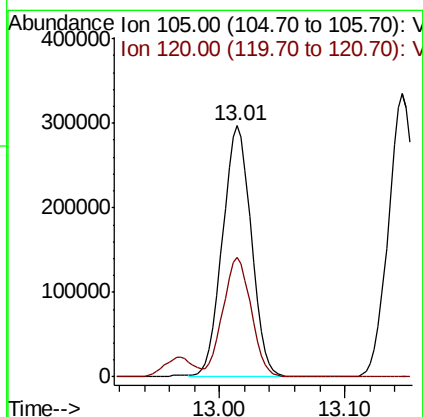
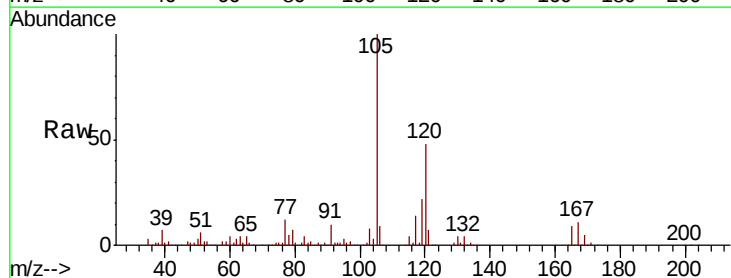
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

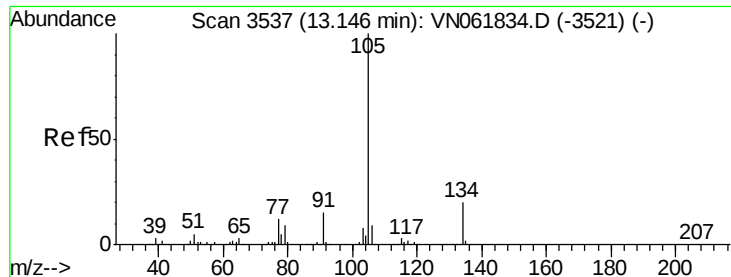
Tot Ion:119 Resp: 388378
Ion Ratio Lower Upper
119 100
91 63.1 31.5 94.5
134 27.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 58.134 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion:105 Resp: 470522
Ion Ratio Lower Upper
105 100
120 47.1 23.3 69.9





#85

sec-Butylbenzene

Concen: 58.049 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

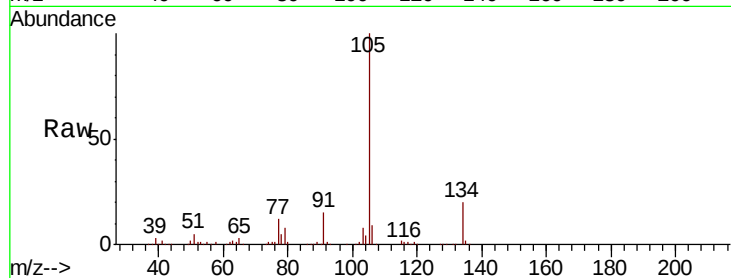
VSTDCCC050

Tot Ion:105 Resp: 528142

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

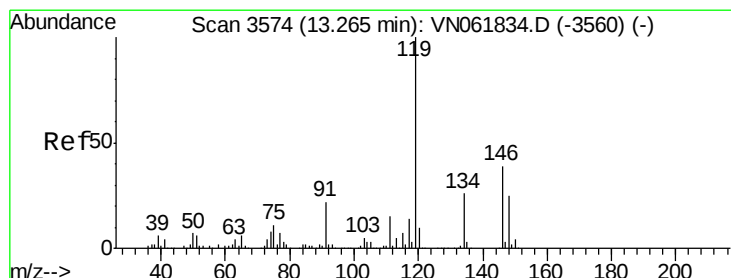
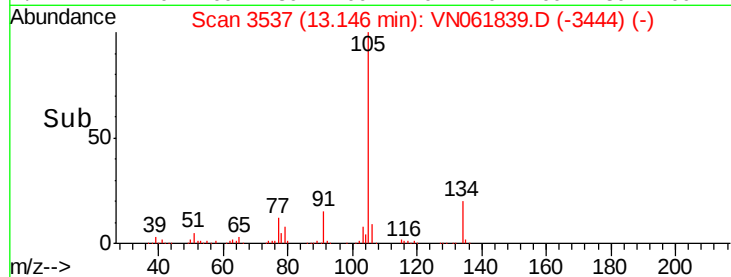
300000

200000

100000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 60.036 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

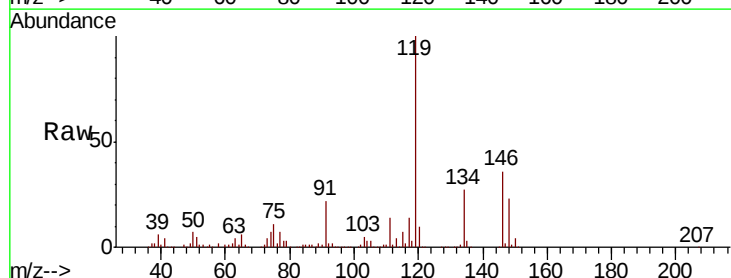
Tgt Ion:119 Resp: 486724

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 22.1 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

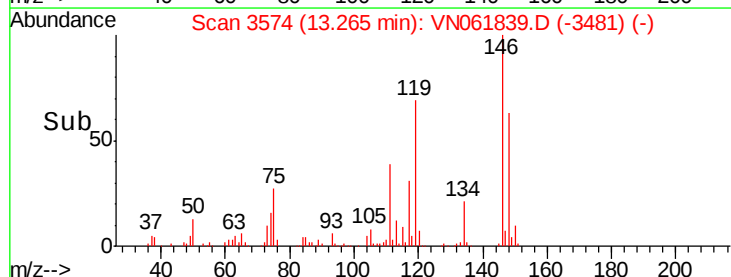
300000

200000

100000

0

Time--> 13.20 13.30 13.40

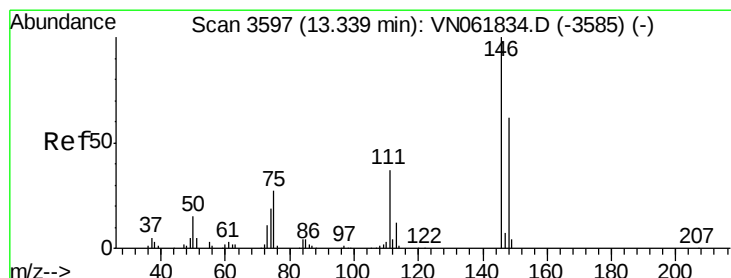
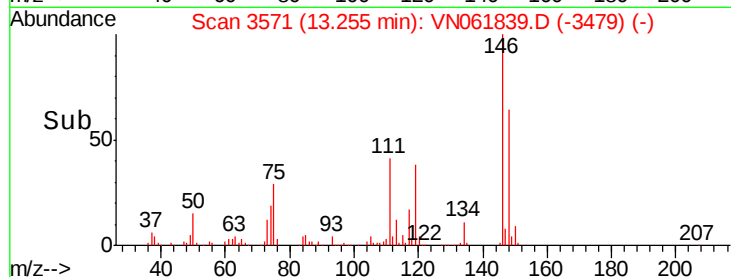
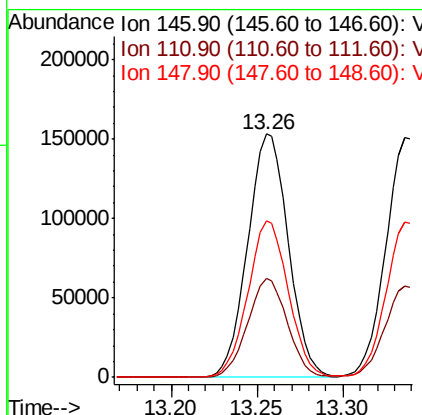
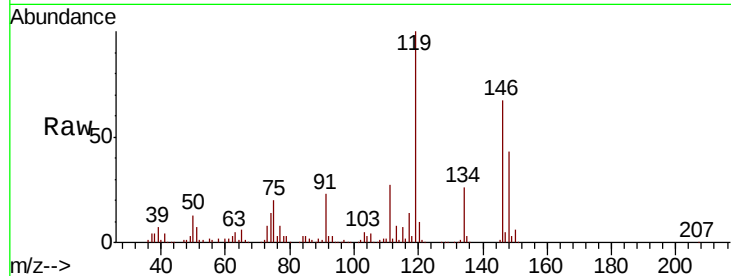




#87
 1,3-Dichlorobenzene
 Concen: 55.042 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

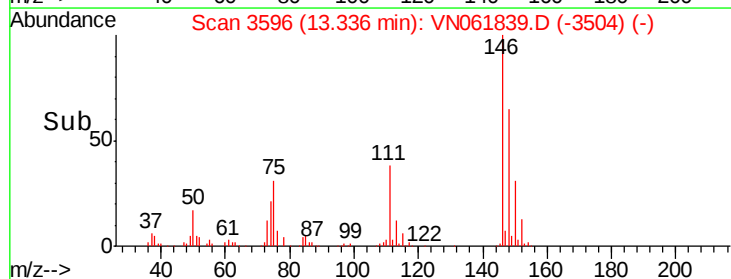
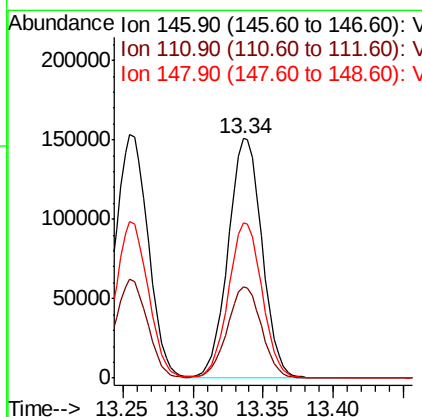
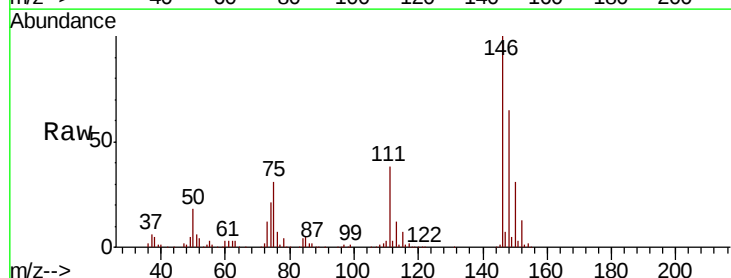
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 251006
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.8
 148 63.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 54.119 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion:146 Resp: 252620
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 64.7 31.6 94.7

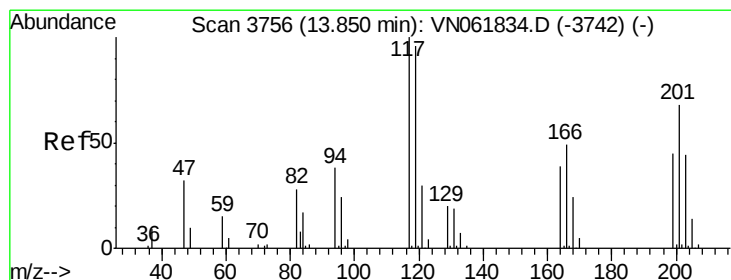
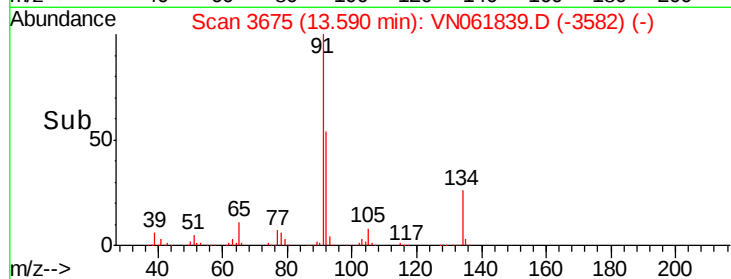
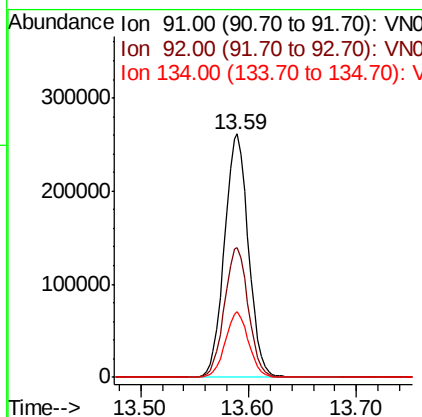
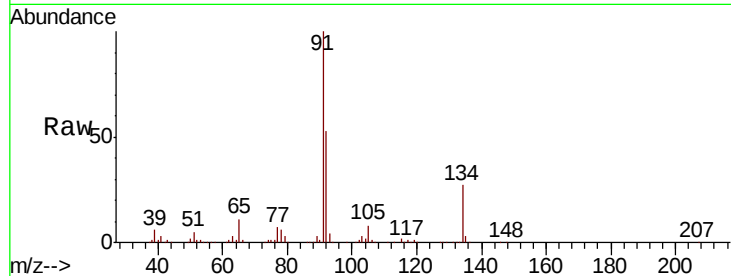




#89
n-Butylbenzene
Concen: 59.758 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

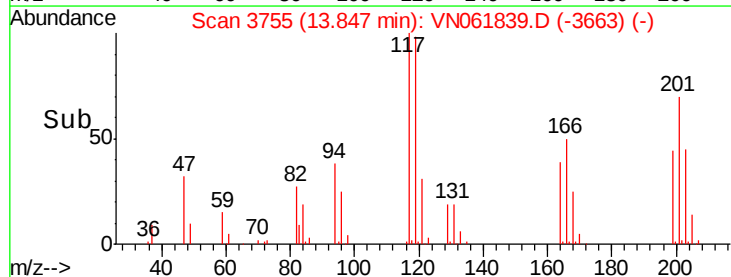
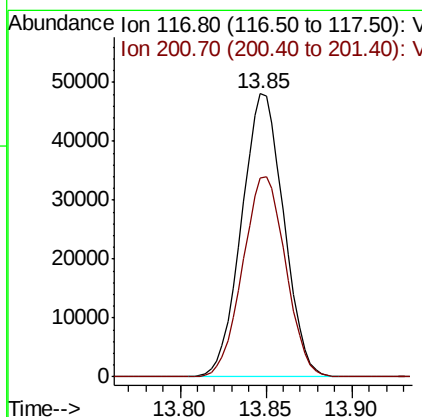
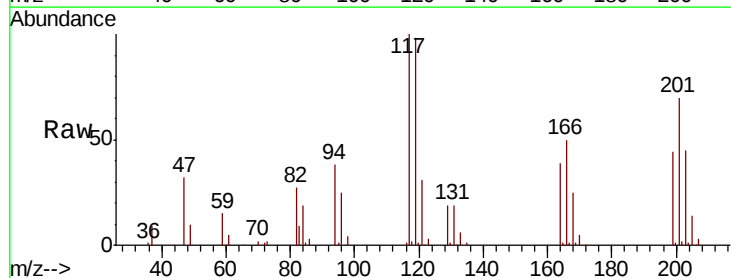
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 404605
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 26.2 13.0 39.0



#90
Hexachloroethane
Concen: 55.185 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061839.D
Acq: 17 Jun 2020 11:04

Tgt Ion: 117 Resp: 81897
Ion Ratio Lower Upper
117 100
201 72.1 34.6 103.8

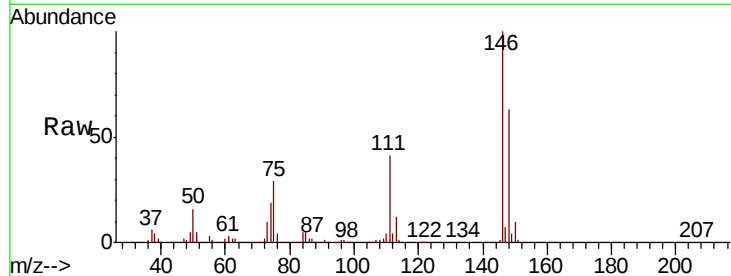




#91
 1,2-Dichlorobenzene
 Concen: 54.362 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.4	61.2
148	62.9	31.8	95.4

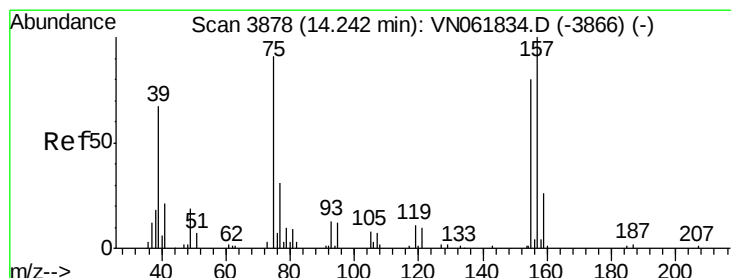
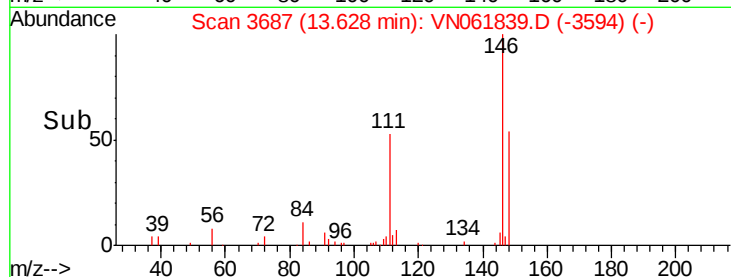
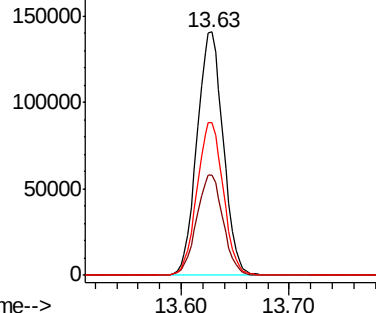


Abundance

Ion 145.90 (145.60 to 146.60): V

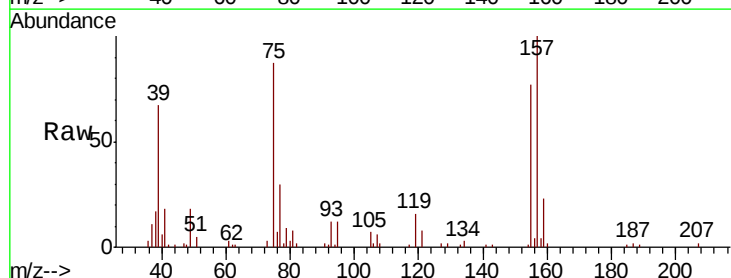
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.987 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	44.4	133.2
157	112.6	57.0	171.2

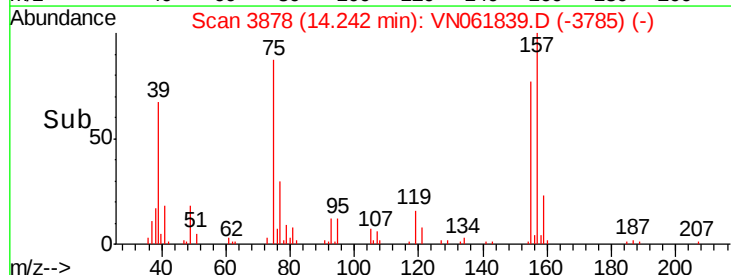
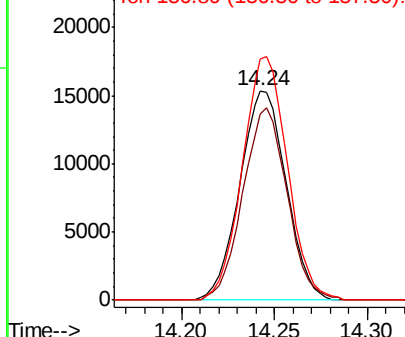


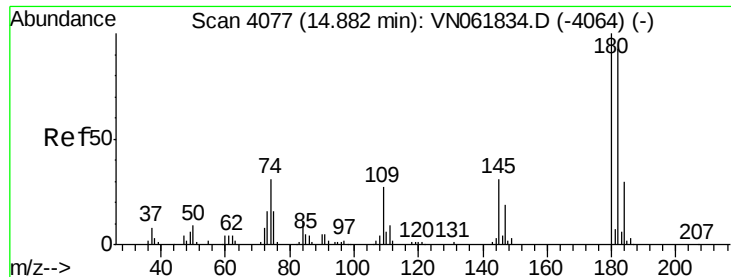
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

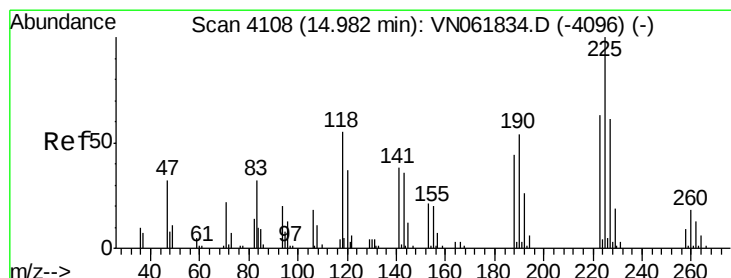
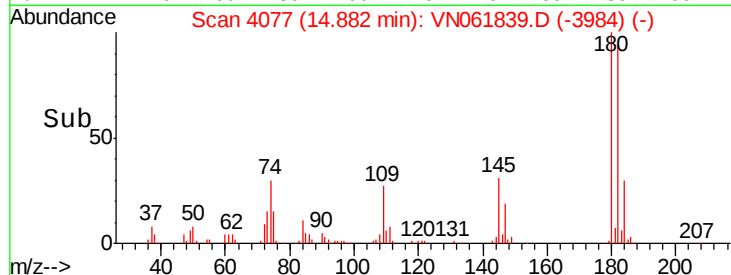
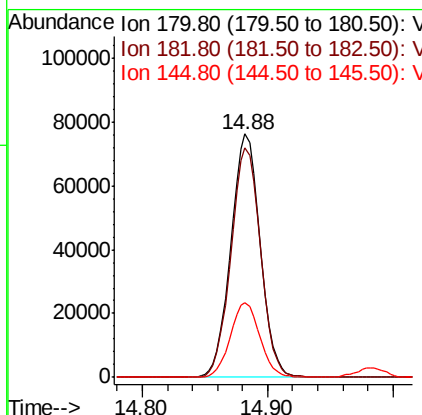
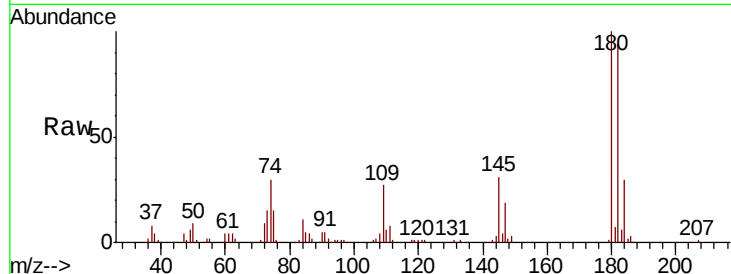




#93
 1,2,4-Trichlorobenzene
 Concen: 59.720 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

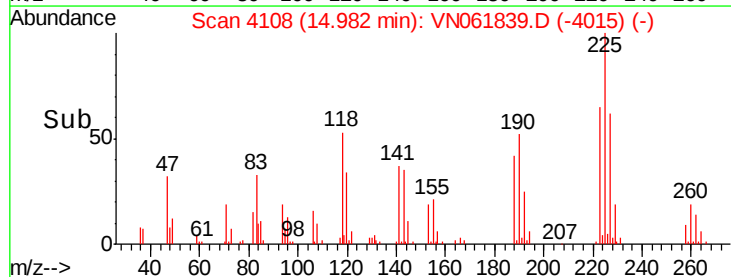
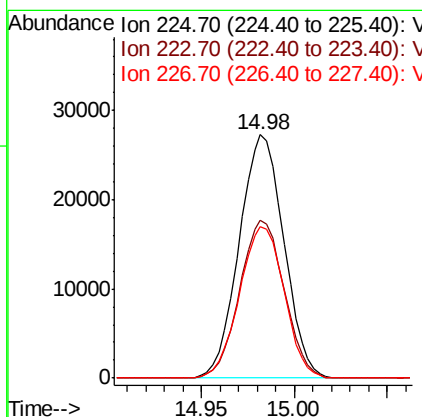
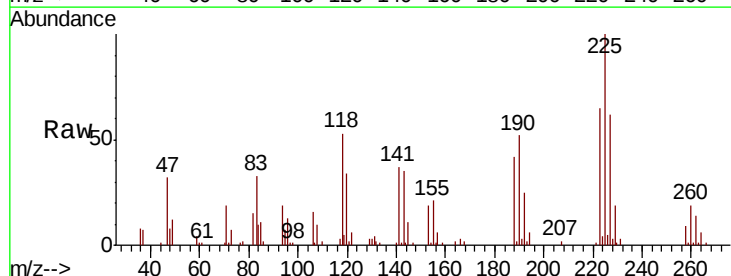
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

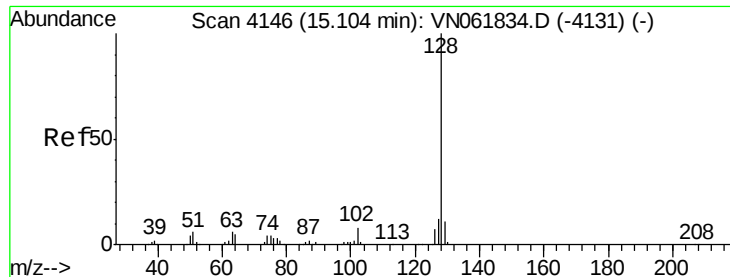
Tot Ion:180 Resp: 123717
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.0 141.2
 145 30.9 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 55.863 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061839.D
 Acq: 17 Jun 2020 11:04

Tgt Ion:225 Resp: 45580
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.7 95.1
 227 62.3 30.1 90.3





#95

Naphthalene

Concen: 49.071 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

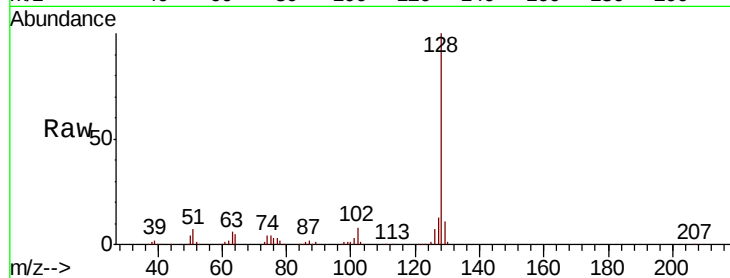
Tot Ion:128 Resp: 339940

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

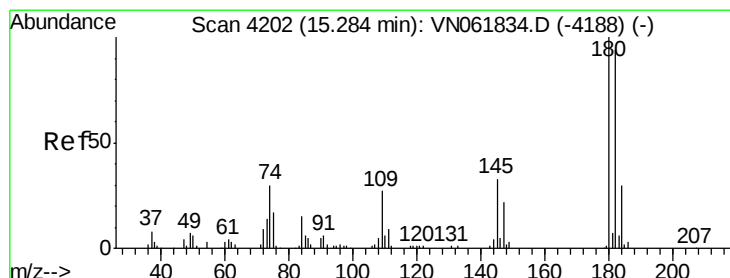
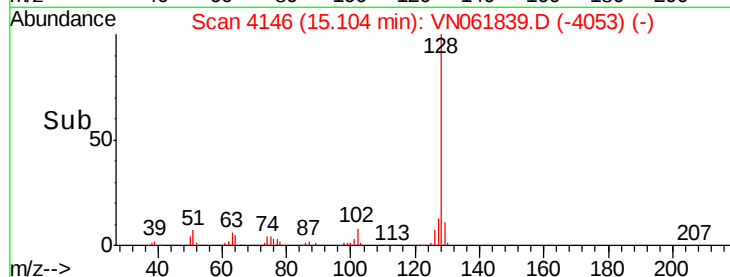
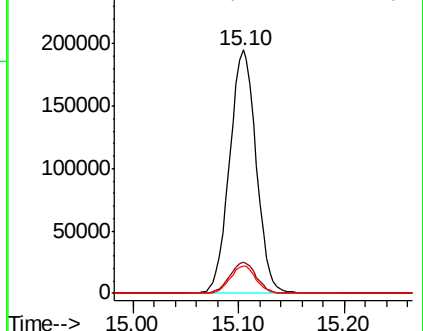
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 57.788 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061839.D

Acq: 17 Jun 2020 11:04

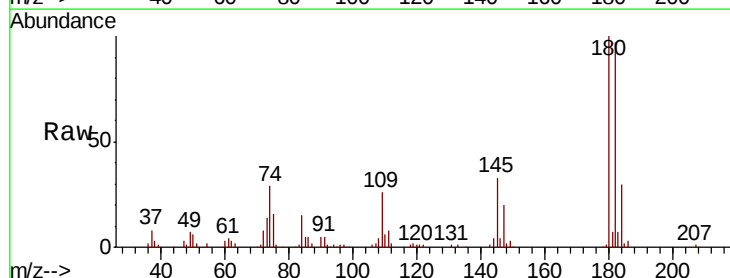
Tgt Ion:180 Resp: 118561

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.6

145 33.6 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

