

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062925.D
 Acq On : 13 Aug 2020 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 05:11:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	155521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	113661	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
35) Dibromofluoromethane	7.55	113	77168	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
50) Toluene-d8	10.06	98	326792	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.38	95	123599	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	93572	42.017	ug/l	100
3) Chloromethane	2.03	50	81991	39.015	ug/l	100
4) Vinyl Chloride	2.16	62	84023	42.628	ug/l	97
5) Bromomethane	2.50	94	76828	58.880	ug/l	98
6) Chloroethane	2.65	64	86994	67.087	ug/l	96
7) Trichlorofluoromethane	2.97	101	170633	48.547	ug/l	100
8) Diethyl Ether	3.37	74	42324	42.064	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	63536	44.729	ug/l	98
10) Methyl Iodide	3.91	142	80741	47.395	ug/l	99
11) Tert butyl alcohol	4.74	59	86409	204.995	ug/l	100
12) 1,1-Dichloroethene	3.69	96	58282	43.861	ug/l	97
13) Acrolein	3.56	56	67912	266.097	ug/l	99
14) Allyl chloride	4.27	41	101685	37.345	ug/l	99
15) Acrylonitrile	4.93	53	208156	212.912	ug/l	99
16) Acetone	3.78	43	179650	193.318	ug/l	99
17) Carbon Disulfide	4.00	76	147023	38.892	ug/l	99
18) Methyl Acetate	4.28	43	97900	44.415	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	271049	44.984	ug/l	96
20) Methylene Chloride	4.50	84	76781	45.073	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	63406	40.741	ug/l	98
22) Diisopropyl ether	5.90	45	246011	42.442	ug/l	96
23) Vinyl Acetate	5.84	43	865877	196.396	ug/l	97
24) 1,1-Dichloroethane	5.80	63	139721	41.133	ug/l	100
25) 2-Butanone	6.79	43	272417	206.977	ug/l	98
26) 2,2-Dichloropropane	6.77	77	106928	34.150	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	79422	42.541	ug/l	95
28) Bromochloromethane	7.15	49	68779	41.954	ug/l	95
29) Tetrahydrofuran	7.17	42	178671	208.954	ug/l	96
30) Chloroform	7.33	83	155701	43.131	ug/l	99
31) Cyclohexane	7.61	56	121604	38.999	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	139496	43.221	ug/l	98
36) 1,1-Dichloropropene	7.75	75	100722	40.977	ug/l	98
37) Ethyl Acetate	6.88	43	101141	39.391	ug/l	99
38) Carbon Tetrachloride	7.73	117	123820	42.593	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	119693	40.463	ug/l	96
40) Benzene	8.00	78	300809	41.011	ug/l	100
41) Methacrylonitrile	7.17	41	164435	141.922	ug/l #	6
42) 1,2-Dichloroethane	8.09	62	132650	42.491	ug/l	98
43) Isopropyl Acetate	8.13	43	170970	39.921	ug/l	98
44) Trichloroethene	8.80	130	74509	41.695	ug/l	96
45) 1,2-Dichloropropane	9.09	63	82597	41.607	ug/l	97
46) Dibromomethane	9.18	93	56113	43.141	ug/l	95
47) Bromodichloromethane	9.37	83	131198	44.911	ug/l	97
48) Methyl methacrylate	9.17	41	85000	40.351	ug/l	95
49) 1,4-Dioxane	9.17	88	34502	883.928	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	678464	244.846	ug/l	99
52) Toluene	10.13	92	215498	47.585	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	148533	46.224	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	139137	43.126	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	94581	48.900	ug/l	96
56) Ethyl methacrylate	10.40	69	147351	50.614	ug/l	98
57) 1,3-Dichloropropane	10.68	76	162848	49.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	161863	196.695	ug/l	97
59) 2-Hexanone	10.72	43	509213	246.354	ug/l	99
60) Dibromochloromethane	10.88	129	108340	49.085	ug/l	99
61) 1,2-Dibromoethane	10.98	107	93395	48.935	ug/l	99
64) Tetrachloroethene	10.60	164	71592	41.887	ug/l	97
65) Chlorobenzene	11.41	112	236733	42.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	97938	44.043	ug/l	97
67) Ethyl Benzene	11.48	91	432047	43.601	ug/l	98
68) m/p-Xylenes	11.60	106	321721	89.441	ug/l	97
69) o-Xylene	11.92	106	156742	46.499	ug/l	95
70) Styrene	11.94	104	274806	46.379	ug/l	98
71) Bromoform	12.10	173	77568	42.634	ug/l #	99
73) Isopropylbenzene	12.22	105	430133	44.045	ug/l	100
74) N-amyl acetate	12.05	43	178822	45.185	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	145598	42.352	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	191086	54.633	ug/l #	100
77) Bromobenzene	12.50	156	103698	42.736	ug/l	94
78) n-propylbenzene	12.57	91	498868	43.518	ug/l	99
79) 2-Chlorotoluene	12.65	91	305014	42.430	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	386471	45.616	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	46710	40.768	ug/l	98
82) 4-Chlorotoluene	12.75	91	326300	44.046	ug/l	100
83) tert-Butylbenzene	12.97	119	323995	45.194	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	381909	47.119	ug/l	100
85) sec-Butylbenzene	13.15	105	420684	44.686	ug/l	100
86) p-Isopropyltoluene	13.26	119	377728	45.202	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	187288	43.206	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	183496	42.205	ug/l	99
89) n-Butylbenzene	13.59	91	296142	41.902	ug/l	100
90) Hexachloroethane	13.85	117	72210	40.089	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	179221	44.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30598	41.458	ug/l	97

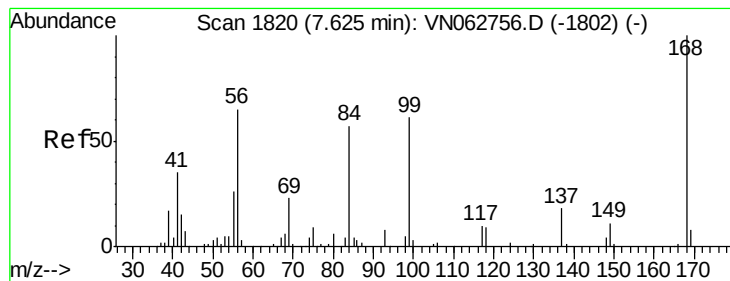
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	76687	36.123	ug/l	99
94) Hexachlorobutadiene	14.98	225	53913	41.897	ug/l	99
95) Naphthalene	15.10	128	205560	35.629	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	78494	37.229	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

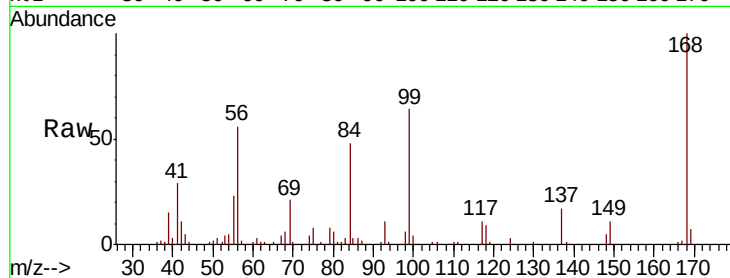
VSTDCCC050EC

Tot Ion:168 Resp: 155521

Ion Ratio Lower Upper

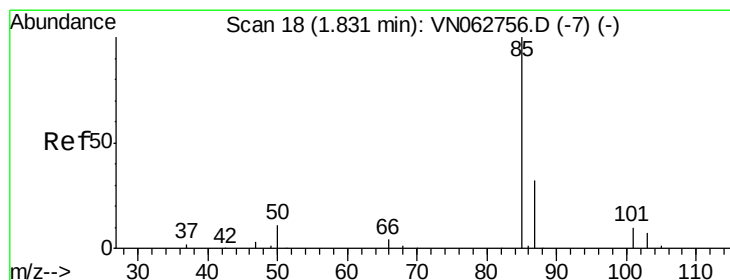
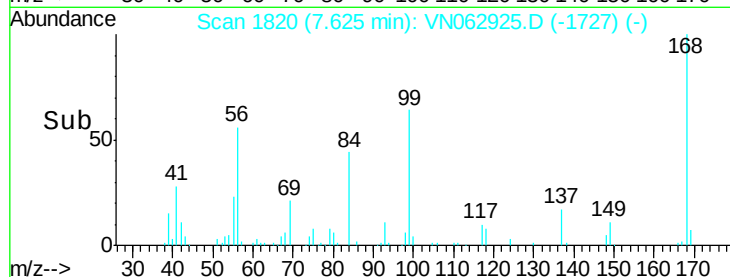
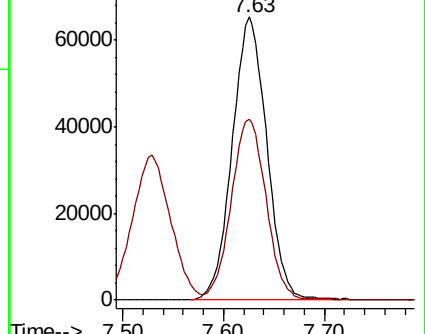
168 100

99 63.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 42.017 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062925.D

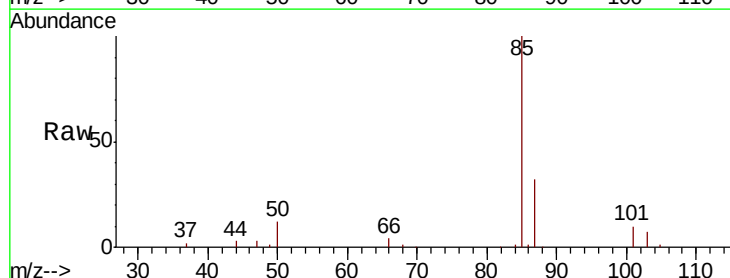
Acq: 13 Aug 2020 21:20

Tgt Ion: 85 Resp: 93572

Ion Ratio Lower Upper

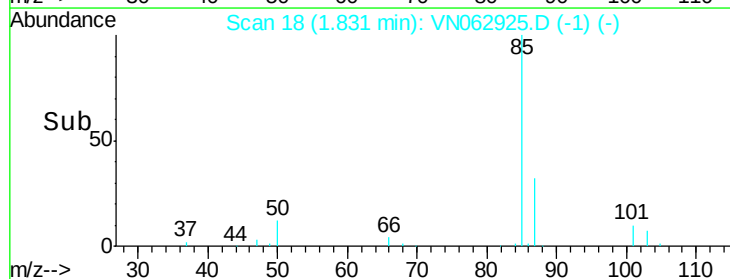
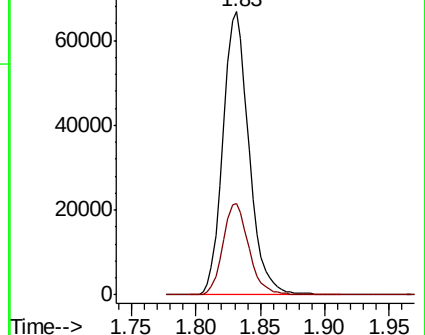
85 100

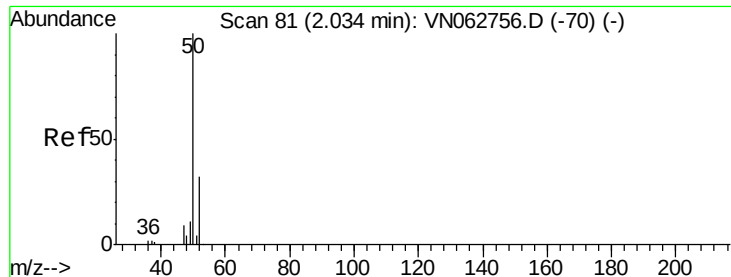
87 32.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 39.015 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

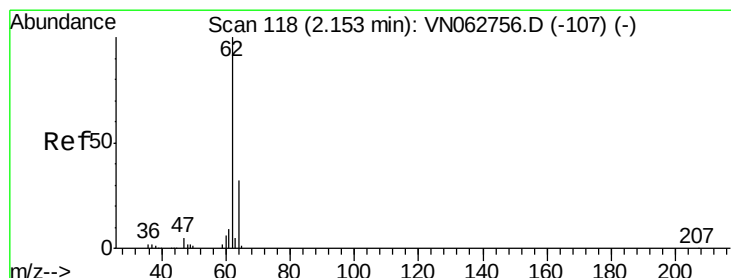
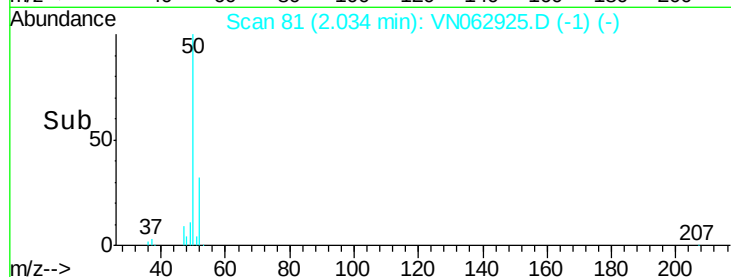
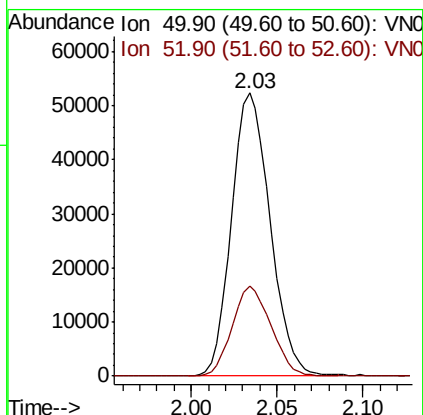
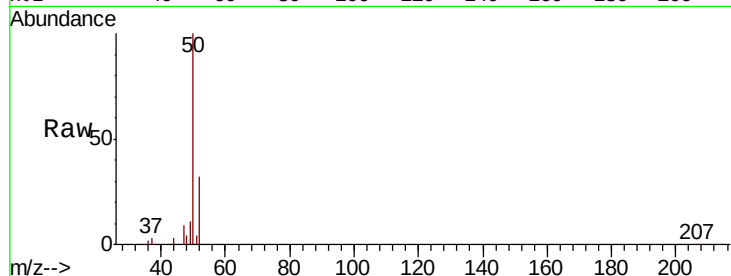
VSTDCCC050EC

Tot Ion: 50 Resp: 81991

Ion Ratio Lower Upper

50 100

52 31.8 25.6 38.4



#4

Vinyl Chloride

Concen: 42.628 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062925.D

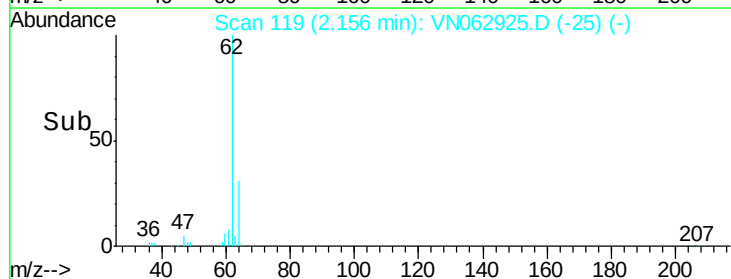
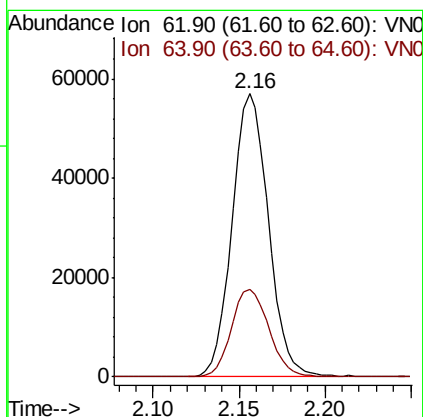
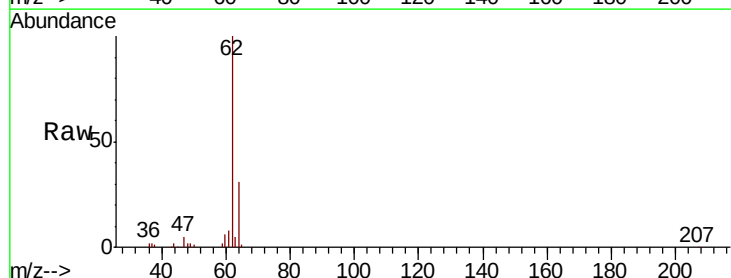
Acq: 13 Aug 2020 21:20

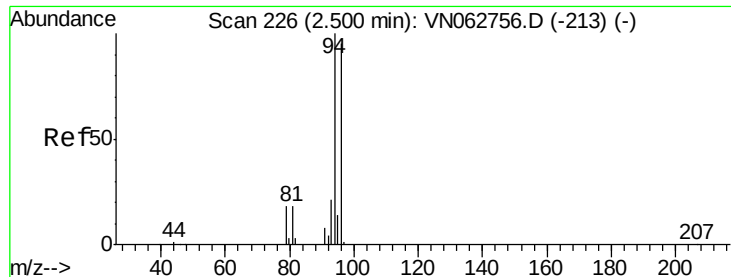
Tgt Ion: 62 Resp: 84023

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 58.880 ug/l

RT: 2.50 min Scan# 225

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

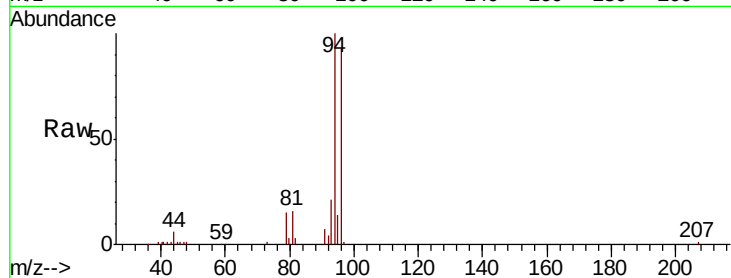
VSTDCCC050EC

Tot Ion: 94 Resp: 76828

Ion Ratio Lower Upper

94 100

96 93.3 76.2 114.4

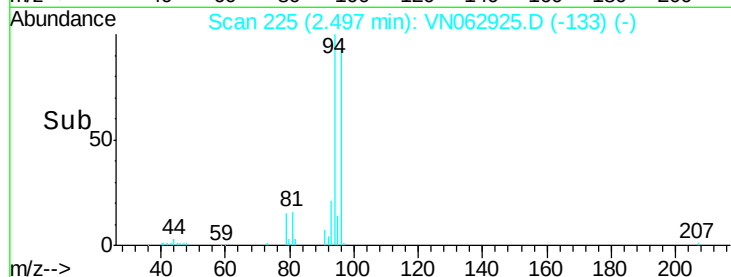


Abundance Ion 93.90 (93.60 to 94.60): VN062756.D (-213) (-)

Ion 95.90 (95.60 to 96.60): VN062756.D (-213) (-)

2.50

Time-->

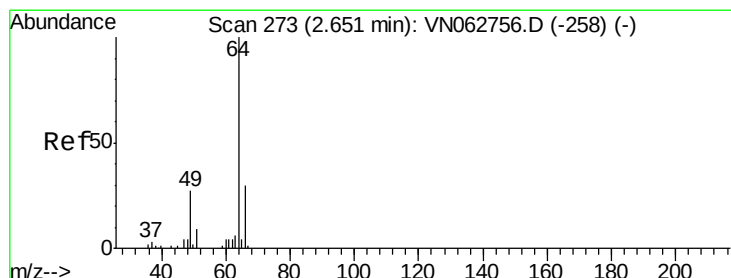


Abundance Ion 93.90 (93.60 to 94.60): VN062925.D (-133) (-)

Ion 95.90 (95.60 to 96.60): VN062925.D (-133) (-)

2.50

Time-->



#6

Chloroethane

Concen: 67.087 ug/l

RT: 2.65 min Scan# 272

Delta R.T. -0.00 min

Lab File: VN062925.D

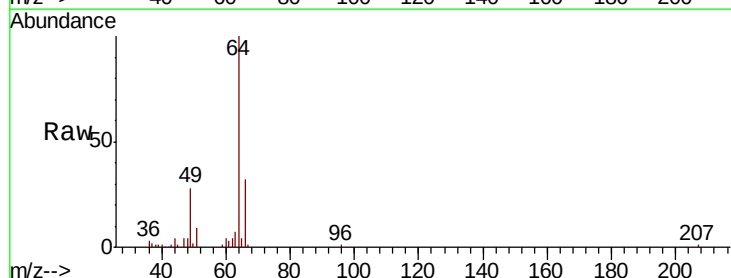
Acq: 13 Aug 2020 21:20

Tgt Ion: 64 Resp: 86994

Ion Ratio Lower Upper

64 100

66 32.3 24.0 36.0

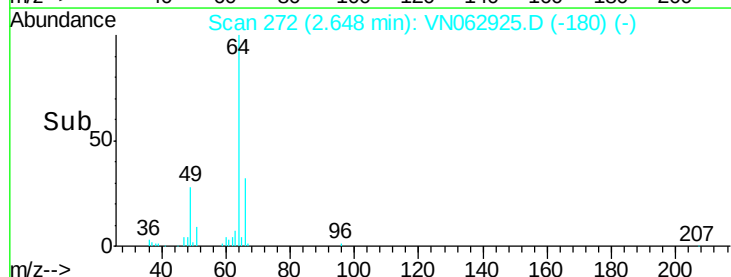


Abundance Ion 63.90 (63.60 to 64.60): VN062756.D (-258) (-)

Ion 65.90 (65.60 to 66.60): VN062756.D (-258) (-)

2.65

Time-->

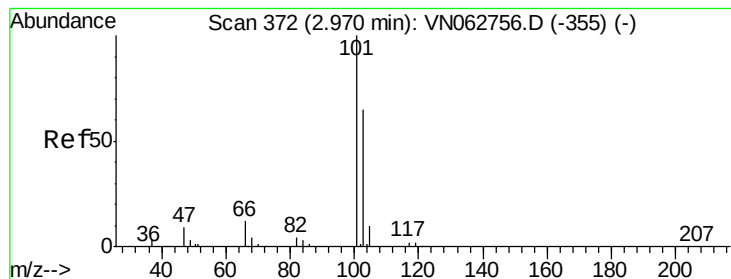


Abundance Ion 63.90 (63.60 to 64.60): VN062925.D (-180) (-)

Ion 65.90 (65.60 to 66.60): VN062925.D (-180) (-)

2.65

Time-->

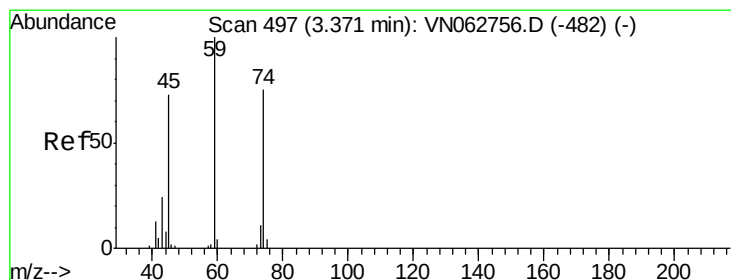
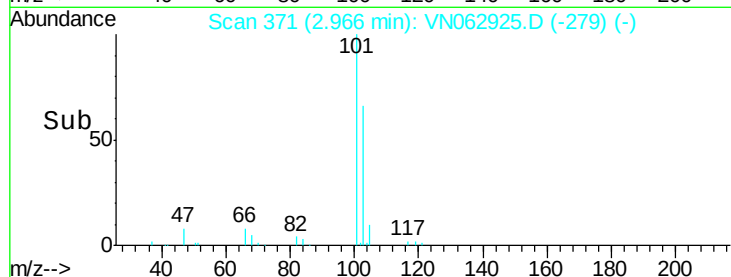
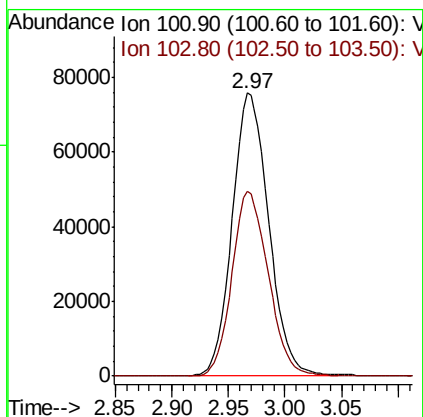
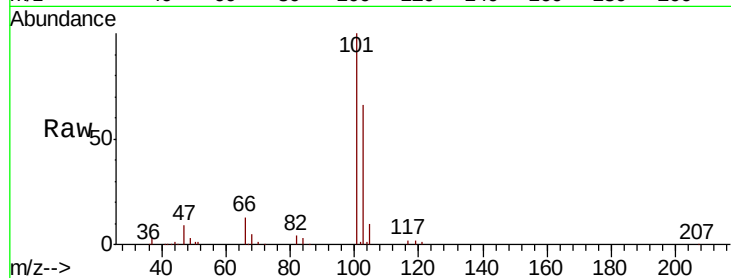


#7

Trichlorofluoromethane
 Concen: 48.547 ug/l
 RT: 2.97 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Instrument :
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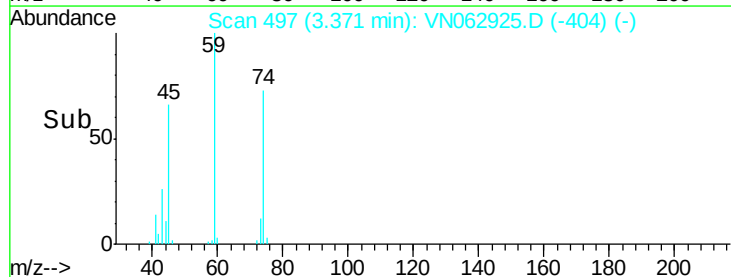
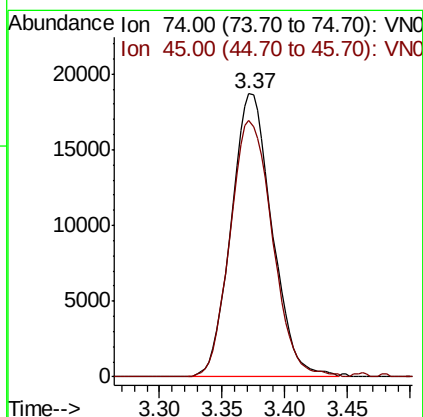
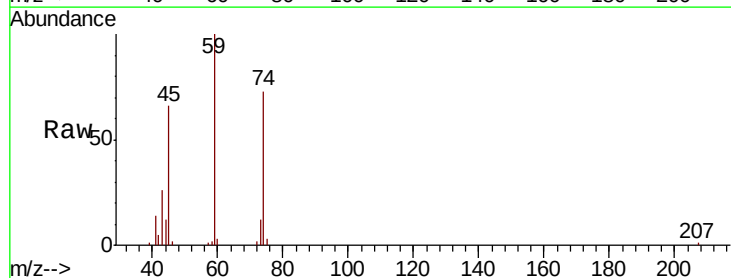
Tot Ion:101 Resp: 170633
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5

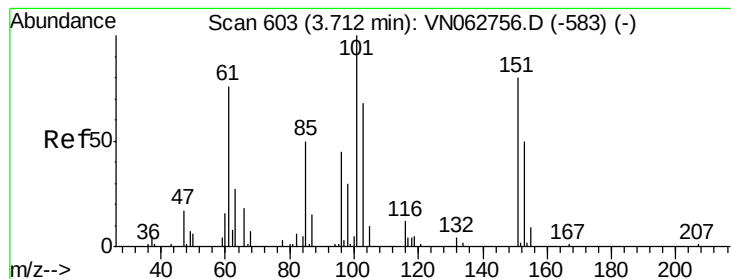


#8

Diethyl Ether
 Concen: 42.064 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion: 74 Resp: 42324
 Ion Ratio Lower Upper
 74 100
 45 93.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.729 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

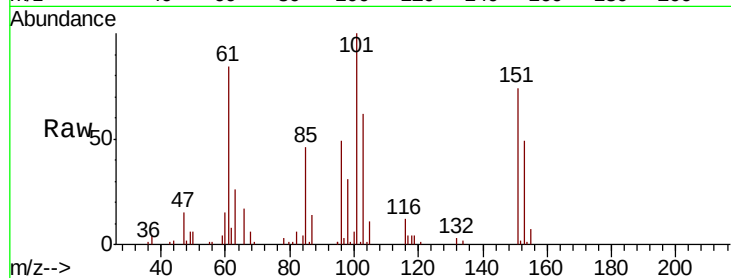
Tot Ion:101 Resp: 63536

Ion Ratio Lower Upper

101 100

85 46.4 38.5 57.7

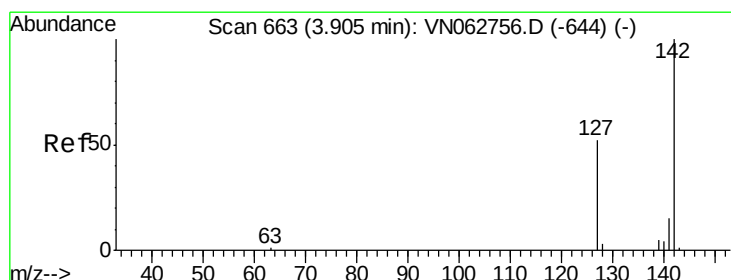
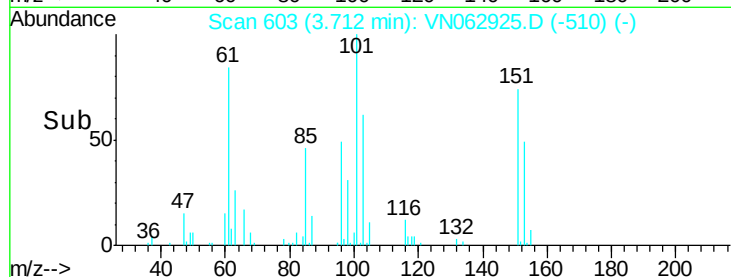
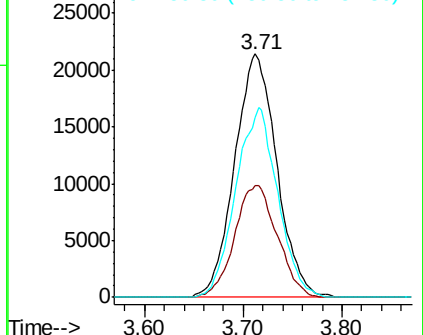
151 77.2 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.395 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

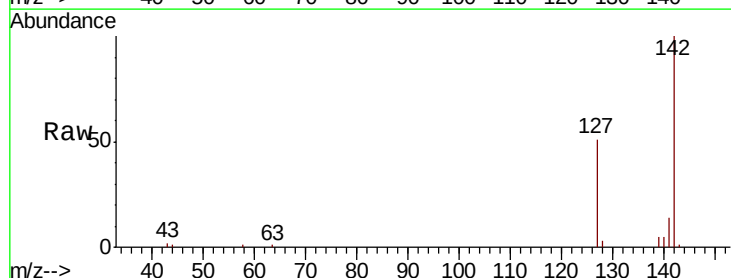
Tgt Ion:142 Resp: 80741

Ion Ratio Lower Upper

142 100

127 52.8 41.4 62.0

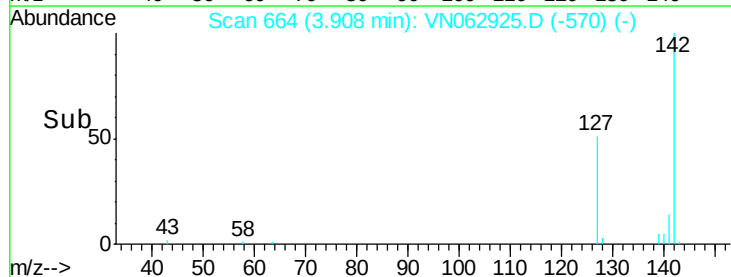
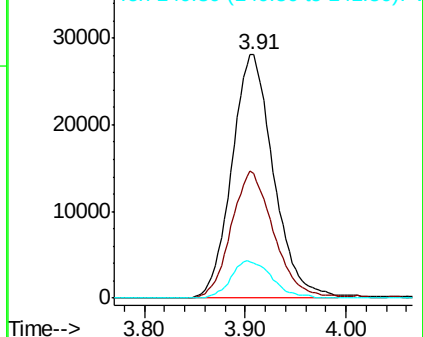
141 14.9 12.2 18.4

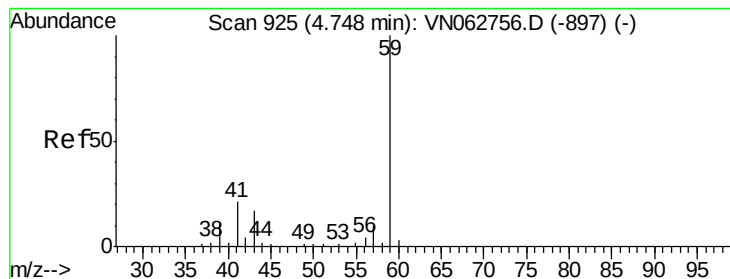


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



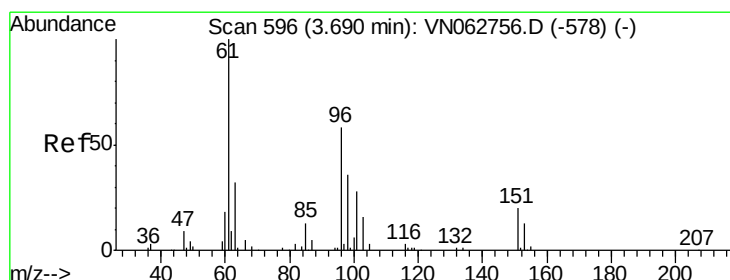
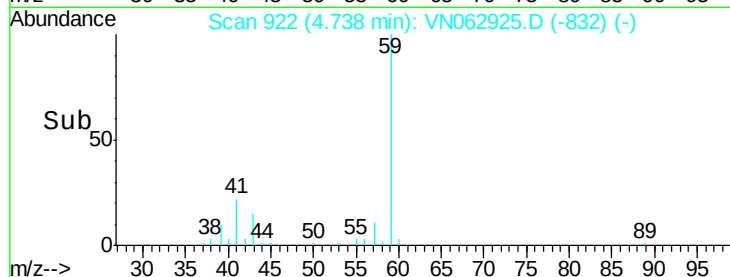
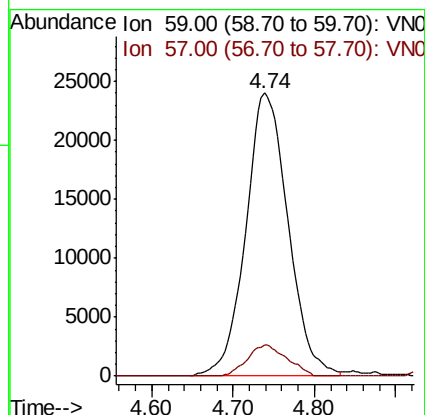
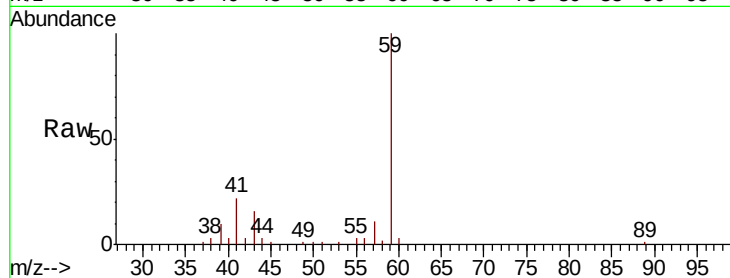


#11

Tert butyl alcohol
 Concen: 204.995 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

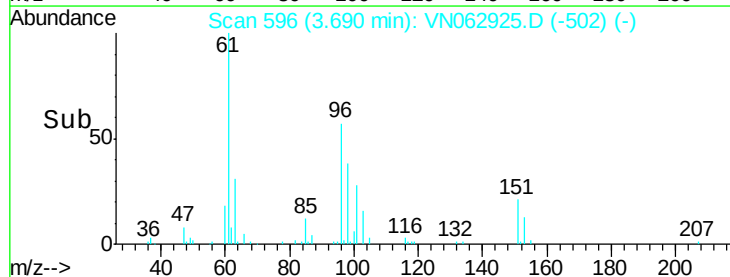
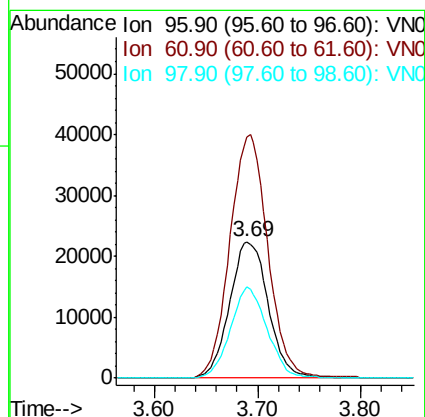
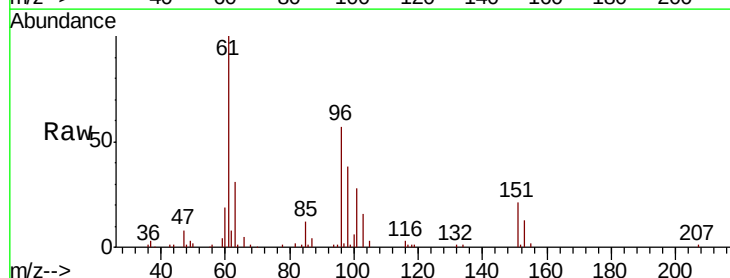
Tot Ion: 59 Resp: 86409
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

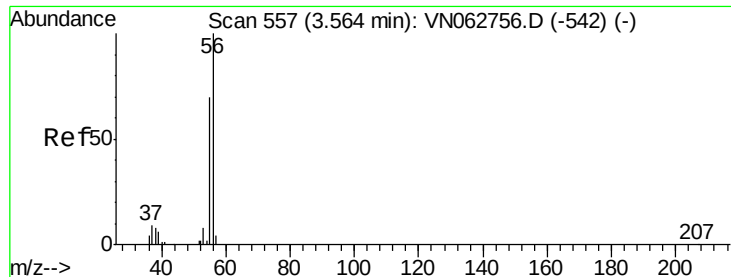


#12

1,1-Dichloroethene
 Concen: 43.861 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion: 96 Resp: 58282
 Ion Ratio Lower Upper
 96 100
 61 176.7 139.0 208.6
 98 66.8 50.2 75.4





#13

Acrolein

Concen: 266.097 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

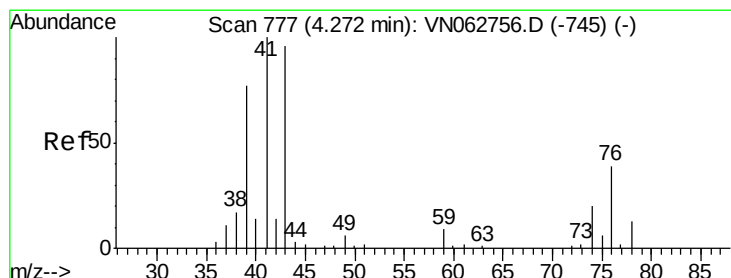
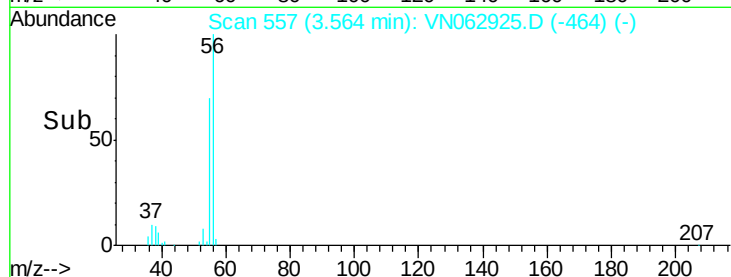
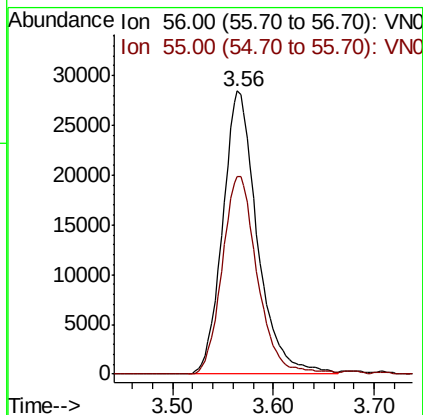
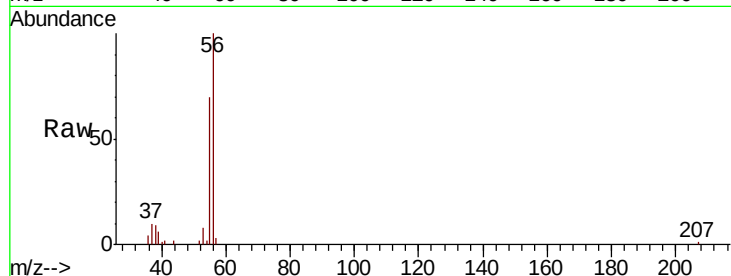
VSTDCCC050EC

Tot Ion: 56 Resp: 67912

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.6



#14

Allyl chloride

Concen: 37.345 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

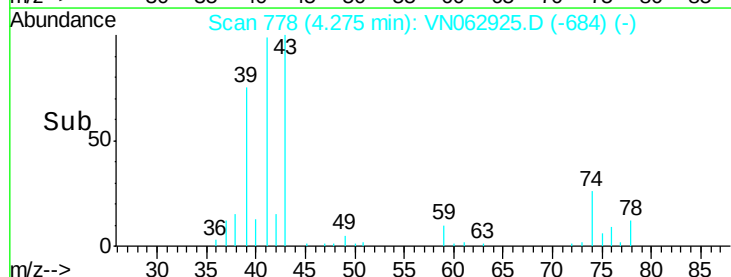
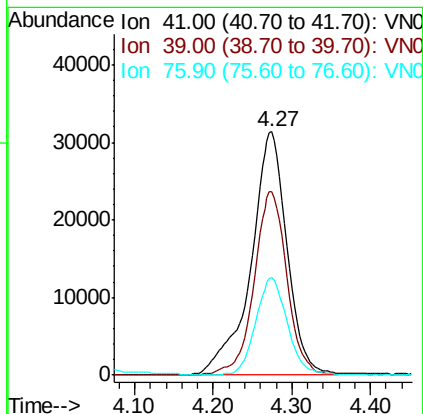
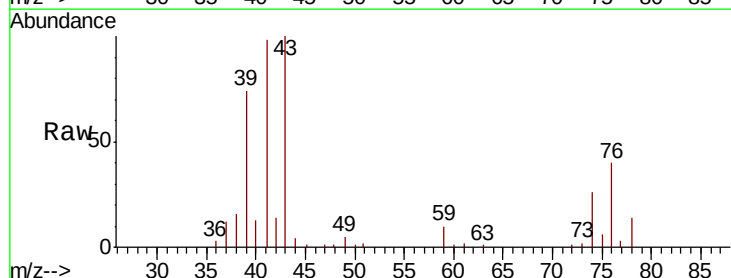
Tgt Ion: 41 Resp: 101685

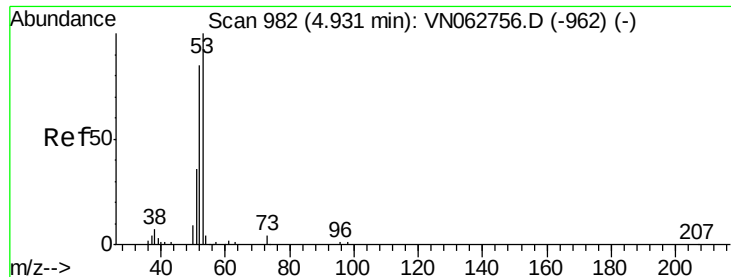
Ion Ratio Lower Upper

41 100

39 68.6 55.7 83.5

76 35.1 27.5 41.3





#15

Acrylonitrile

Concen: 212.912 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

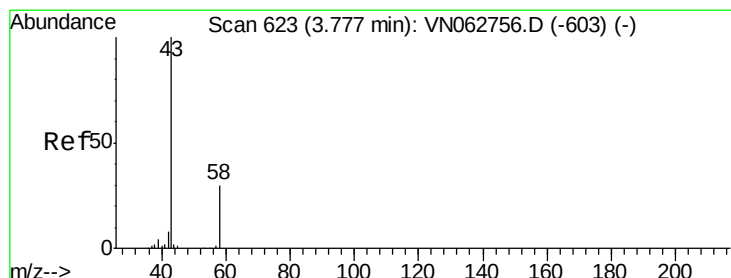
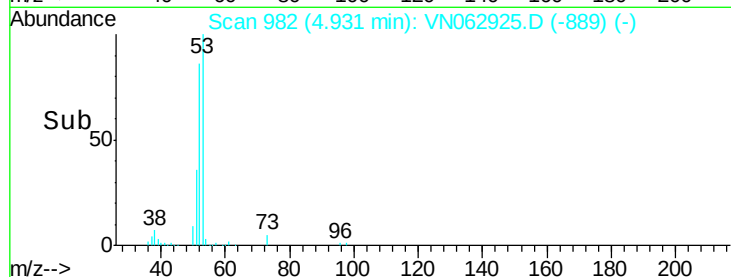
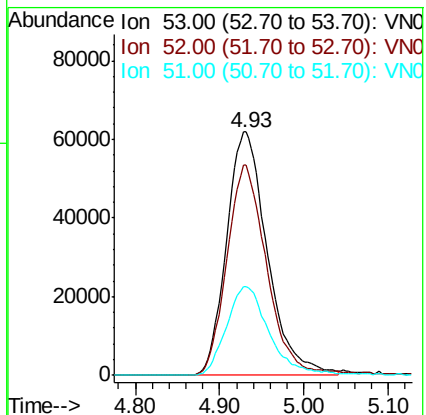
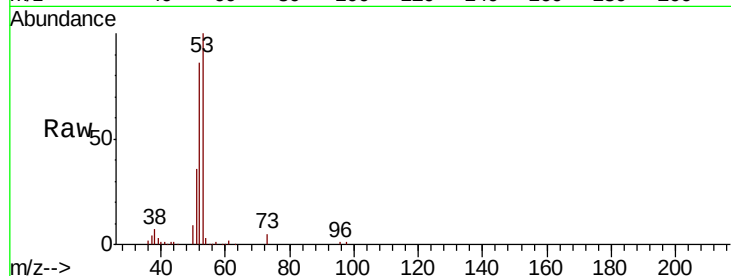
Tot Ion: 53 Resp: 208156

Ion Ratio Lower Upper

53 100

52 84.0 66.8 100.2

51 38.1 29.5 44.3



#16

Acetone

Concen: 193.318 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062925.D

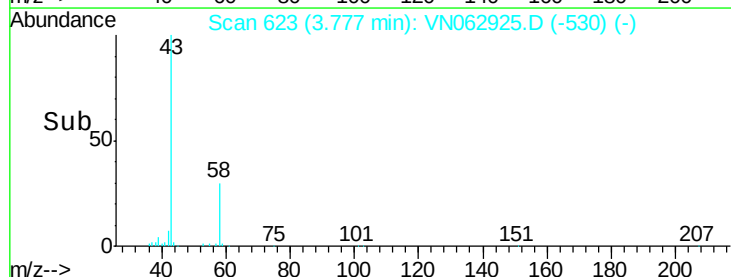
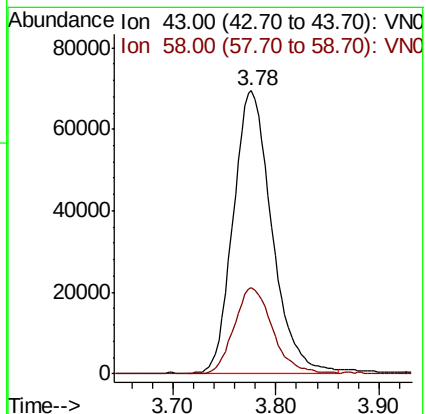
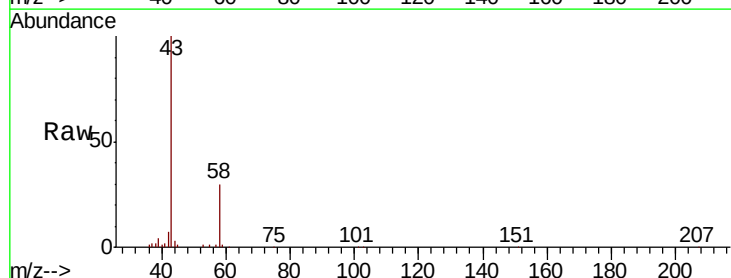
Acq: 13 Aug 2020 21:20

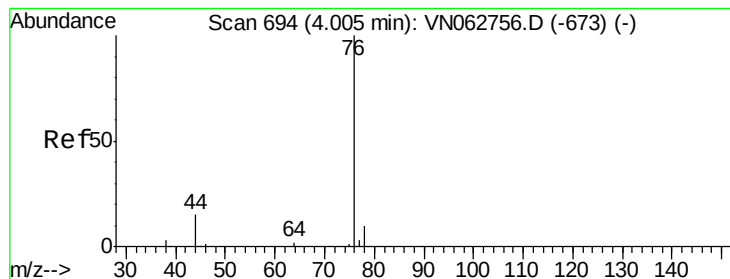
Tgt Ion: 43 Resp: 179650

Ion Ratio Lower Upper

43 100

58 30.4 24.1 36.1





#17

Carbon Disulfide

Concen: 38.892 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

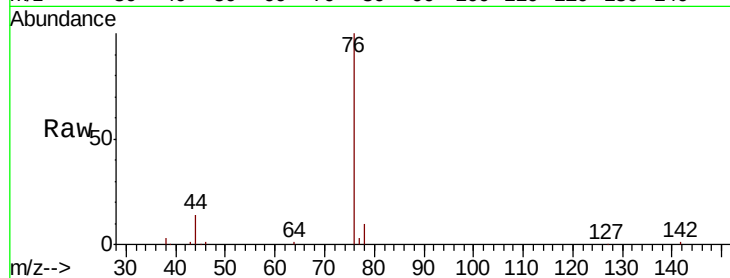
VSTDCCC050EC

Tot Ion: 76 Resp: 147023

Ion Ratio Lower Upper

76 100

78 9.8 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN062756.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062756.D (-673) (-)

4.00

60000

50000

40000

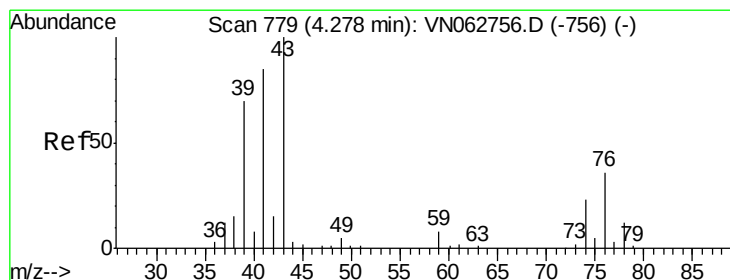
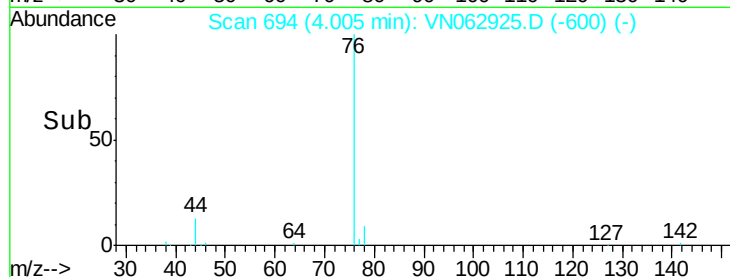
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 44.415 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062925.D

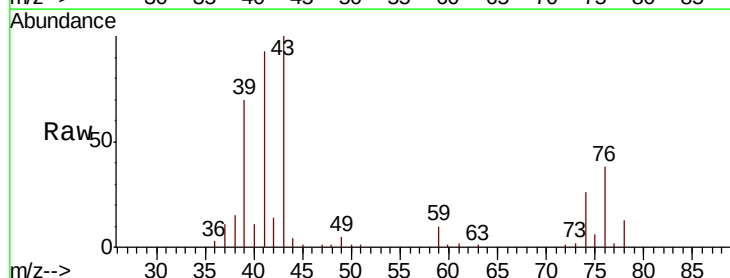
Acq: 13 Aug 2020 21:20

Tgt Ion: 43 Resp: 97900

Ion Ratio Lower Upper

43 100

74 24.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-756) (-)

Ion 74.00 (73.70 to 74.70): VN062756.D (-756) (-)

4.28

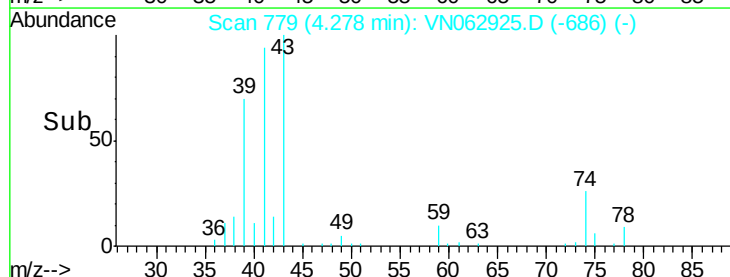
30000

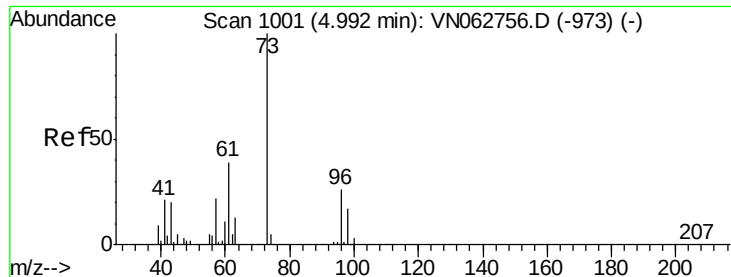
20000

10000

0

Time-->

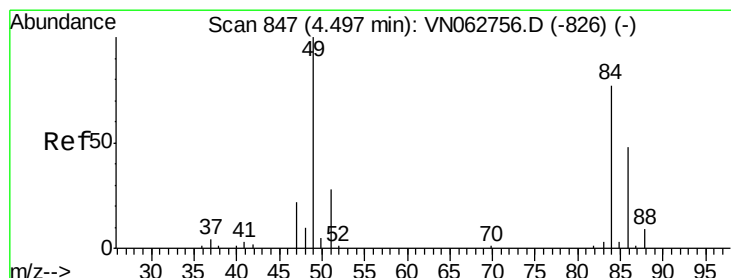
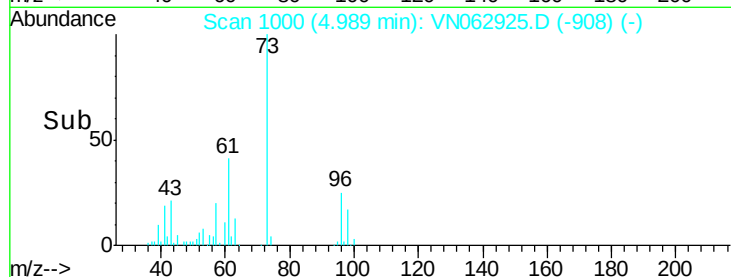
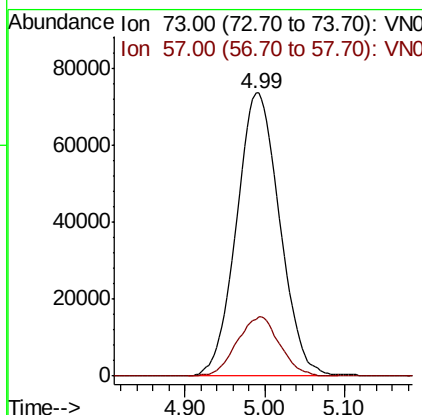
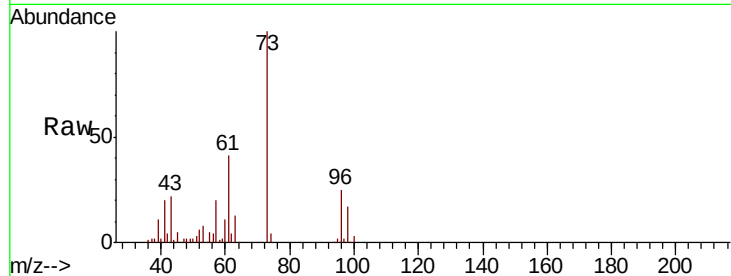




#19
Methvl tert-butyl Ether
Concen: 44.984 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

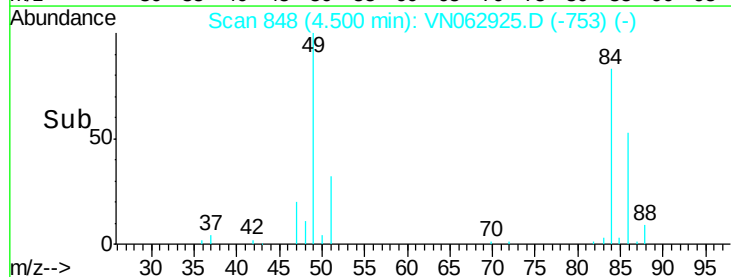
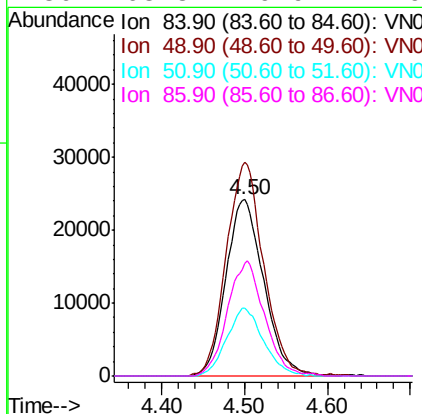
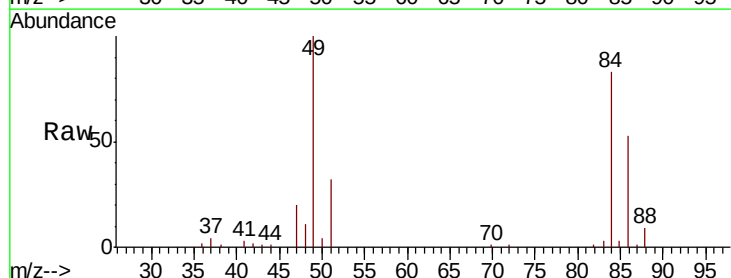
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

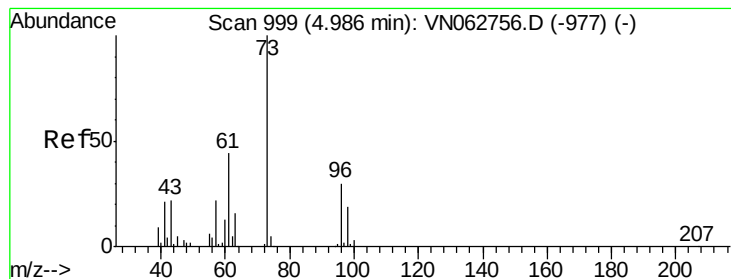
Tot Ion: 73 Resp: 271049
Ion Ratio Lower Upper
73 100
57 20.1 17.5 26.3



#20
Methylene Chloride
Concen: 45.073 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 84 Resp: 76781
Ion Ratio Lower Upper
84 100
49 121.1 103.4 155.2
51 38.5 29.3 43.9
86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 40.741 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

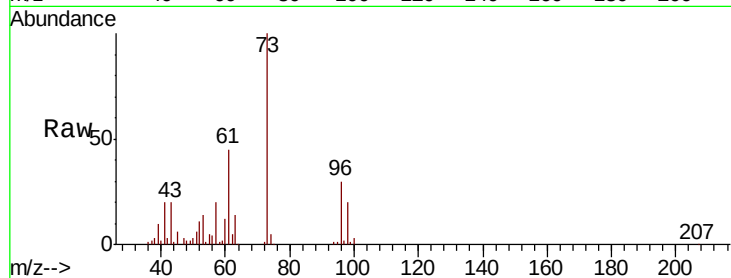
Tot Ion: 96 Resp: 63406

Ion Ratio Lower Upper

96 100

61 150.0 118.8 178.2

98 66.1 51.0 76.4

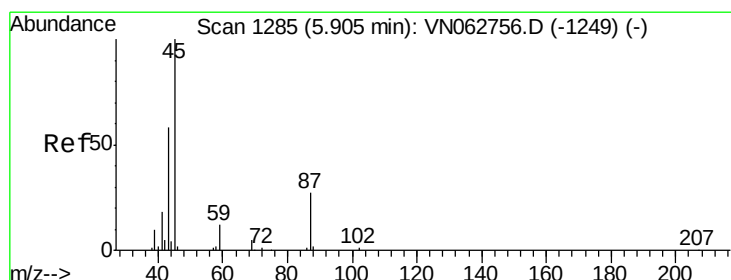
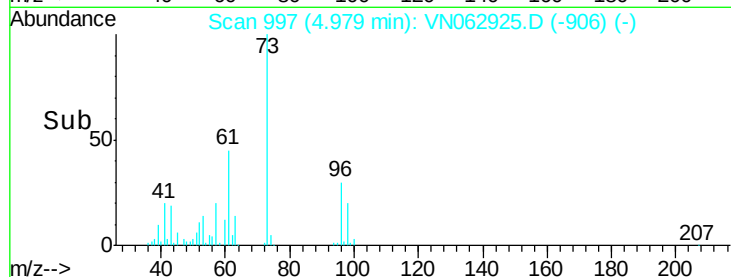
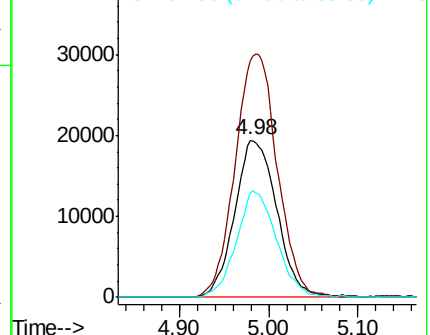


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 42.442 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Tgt Ion: 45 Resp: 246011

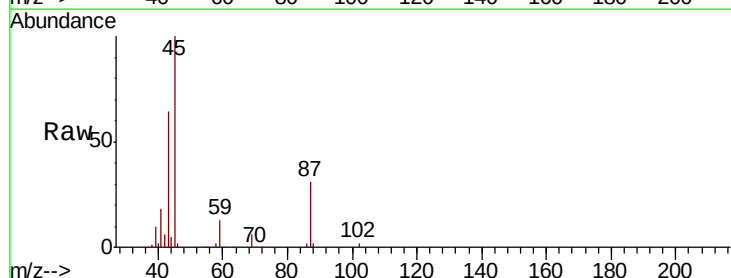
Ion Ratio Lower Upper

45 100

43 62.5 47.4 71.2

87 30.8 22.8 34.2

59 12.6 9.9 14.9



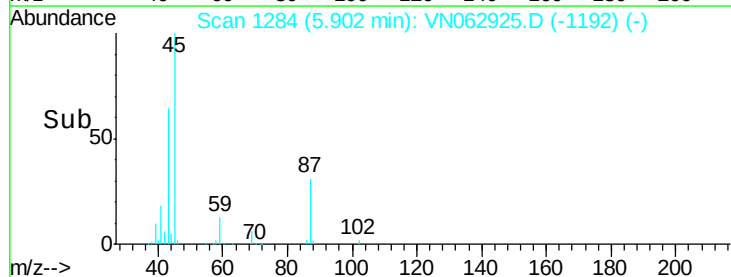
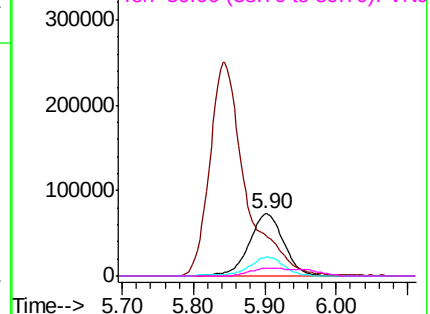
Abundance

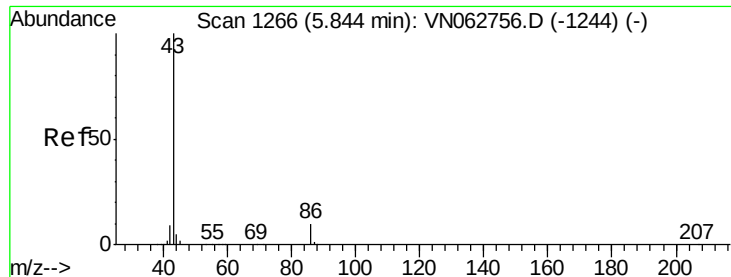
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 196.396 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

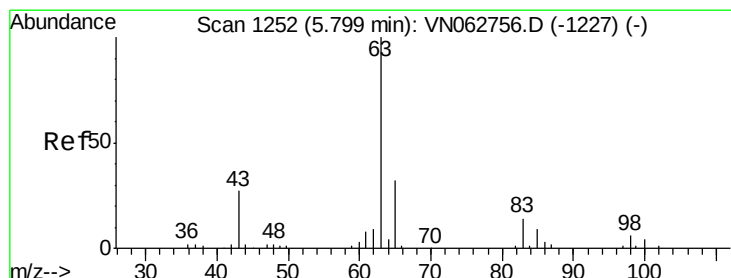
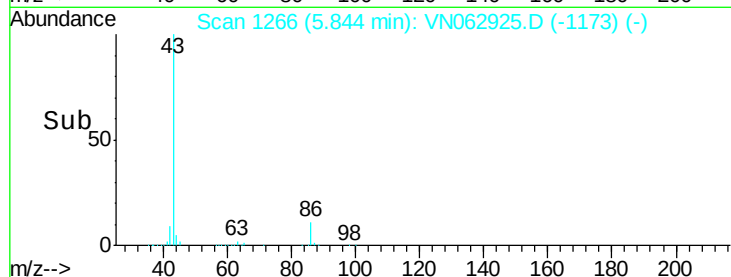
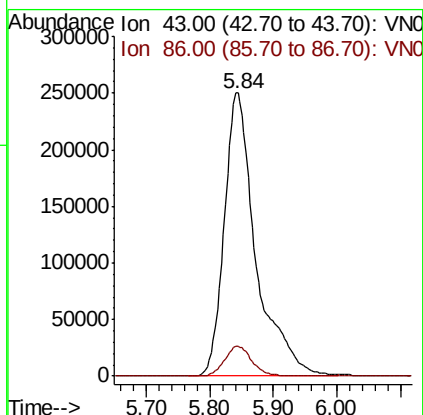
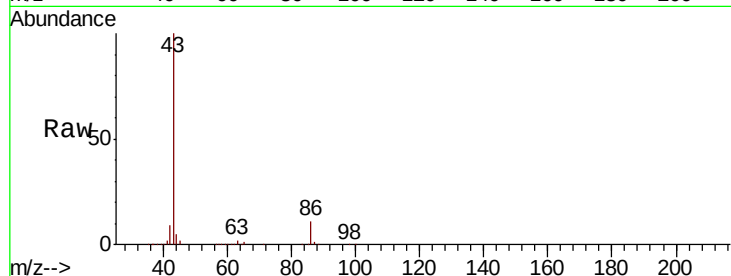
VSTDCCC050EC

Tot Ion: 43 Resp: 865877

Ion Ratio Lower Upper

43 100

86 10.5 7.7 11.5



#24

1,1-Dichloroethane

Concen: 41.133 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

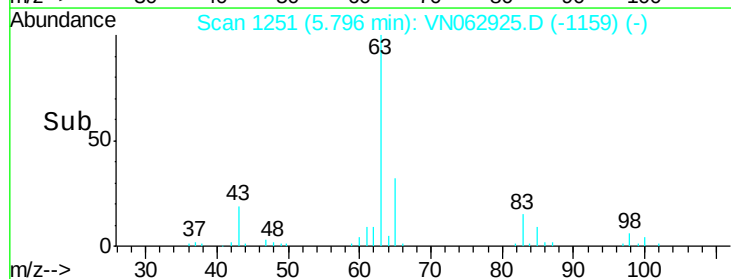
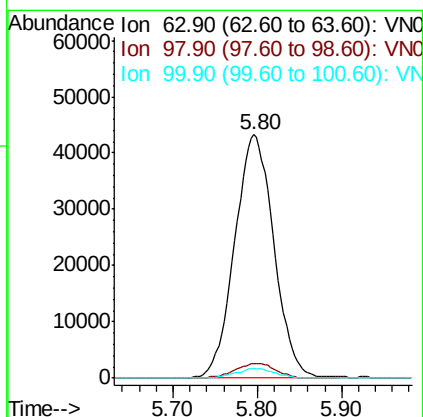
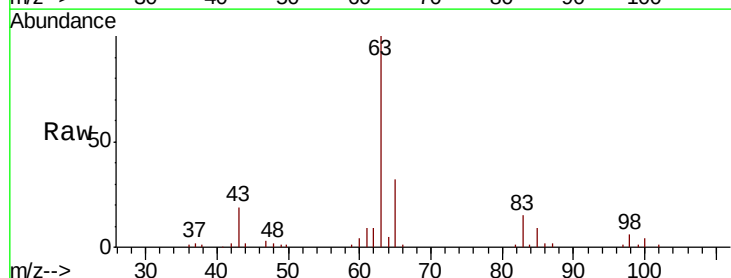
Tgt Ion: 63 Resp: 139721

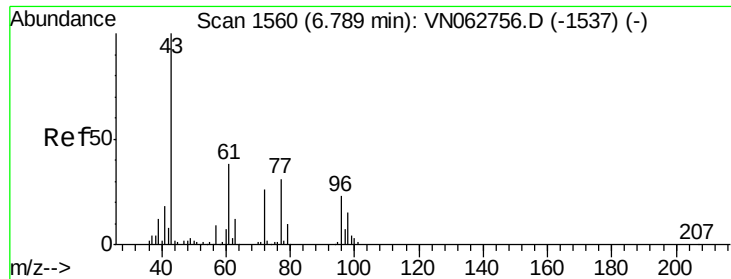
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.9 1.9 5.7

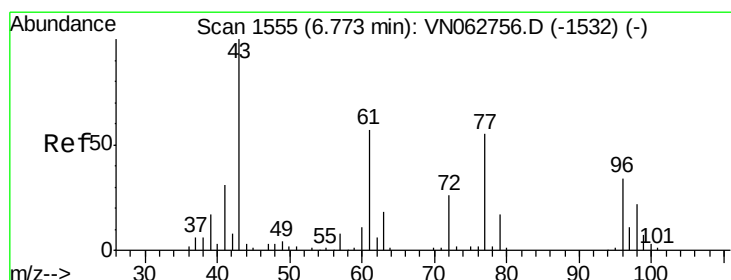
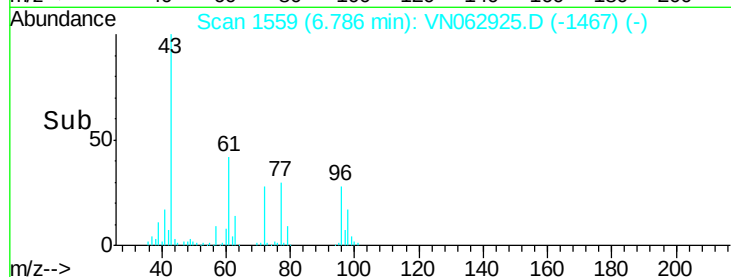
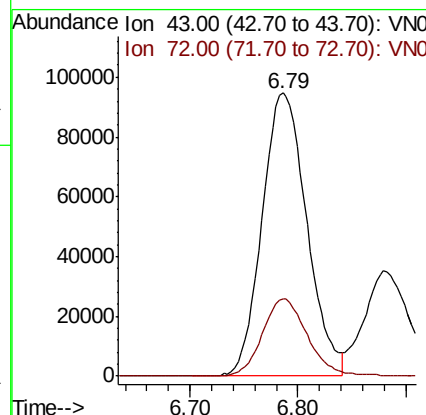
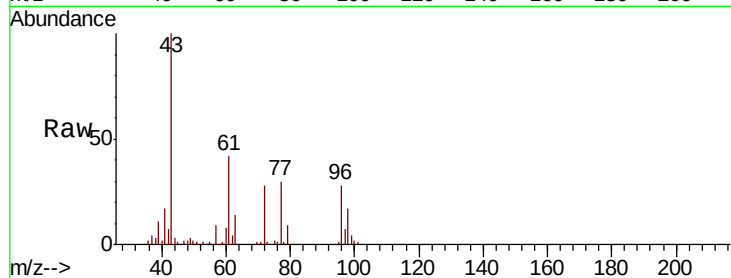




#25
2-Butanone
Concen: 206.977 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

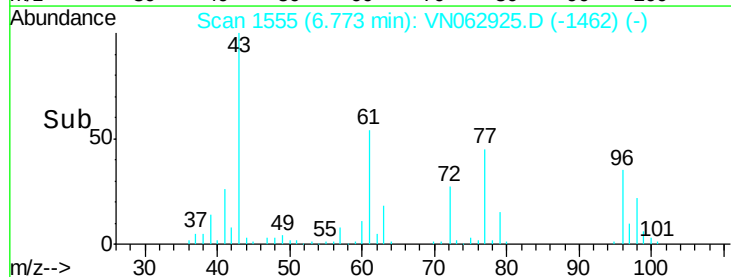
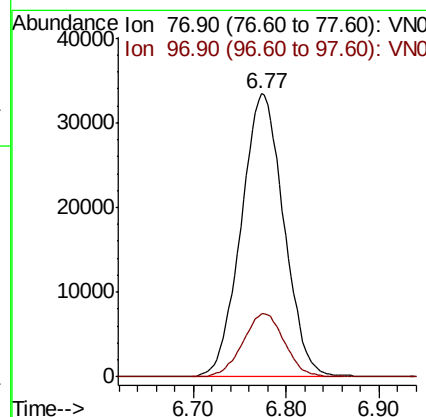
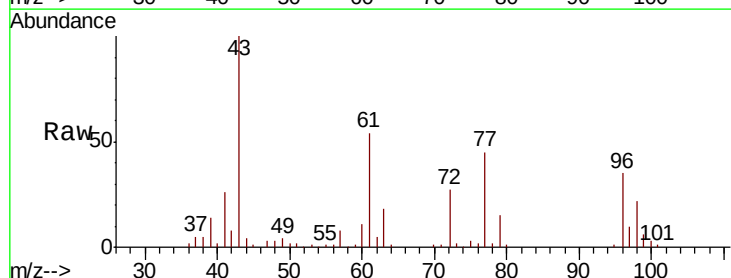
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

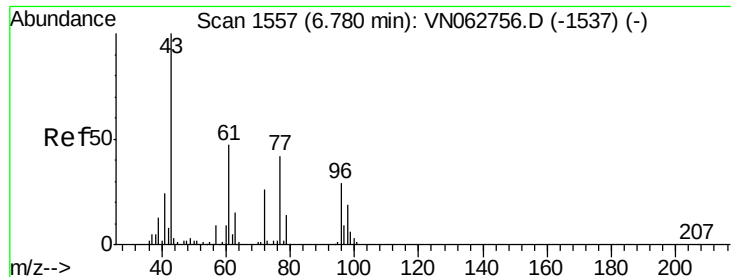
Tot Ion: 43 Resp: 272417
Ion Ratio Lower Upper
43 100
72 27.5 21.1 31.7



#26
2,2-Dichloropropane
Concen: 34.150 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 77 Resp: 106928
Ion Ratio Lower Upper
77 100
97 21.8 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 42.541 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

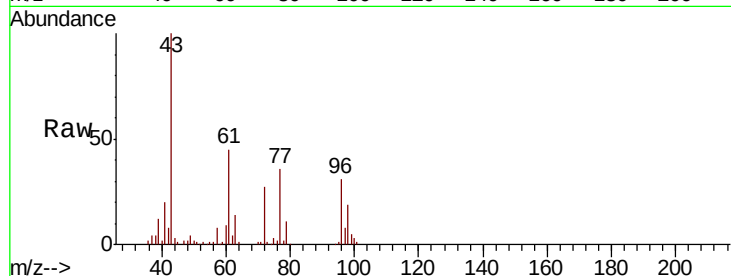
Tot Ion: 96 Resp: 79422

Ion Ratio Lower Upper

96 100

61 156.0 0.0 332.2

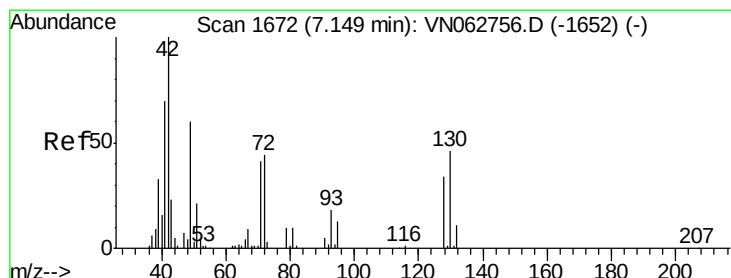
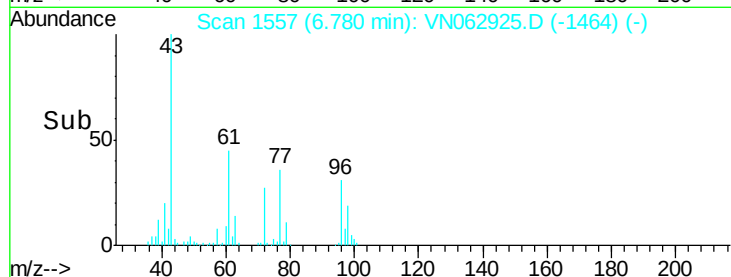
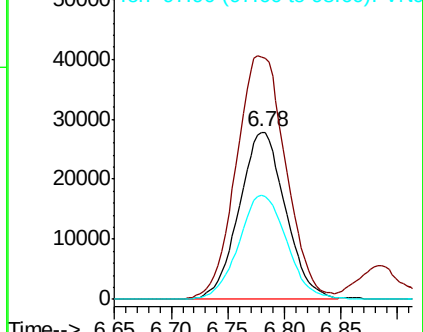
98 64.5 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062925.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062925.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062925.D (-1464) (-)



#28

Bromochloromethane

Concen: 41.954 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

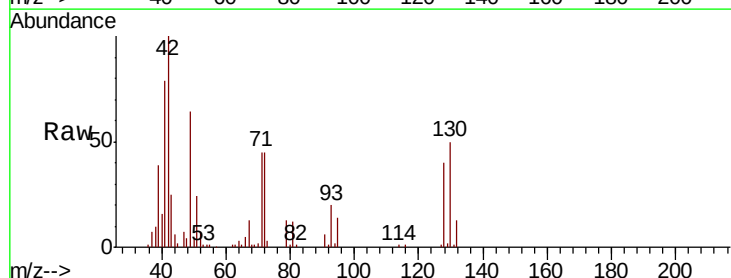
Tgt Ion: 49 Resp: 68779

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

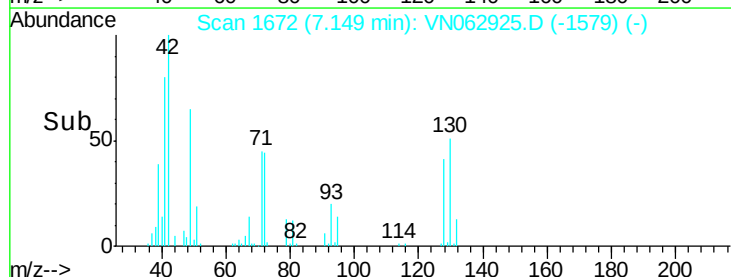
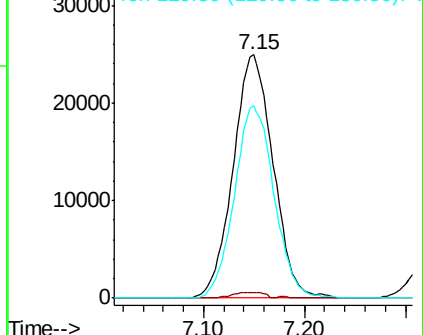
130 78.0 59.0 88.6

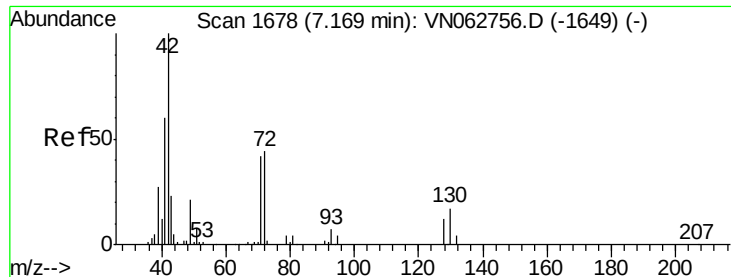


Abundance Ion 48.90 (48.60 to 49.60): VN062925.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062925.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062925.D (-1579) (-)





#29

Tetrahydrofuran

Concen: 208.954 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

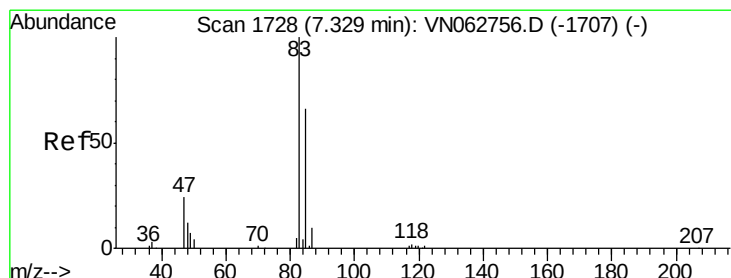
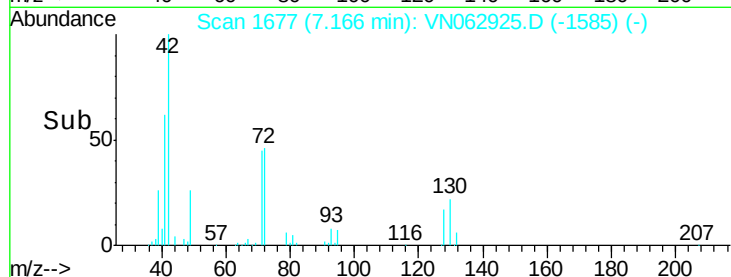
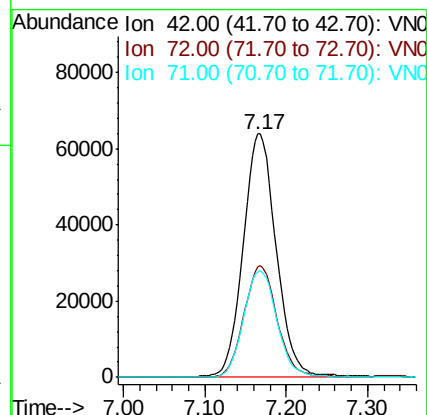
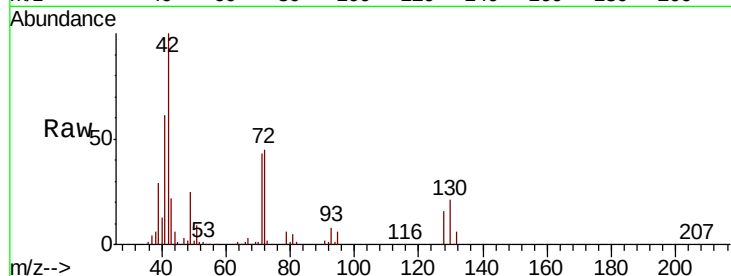
Tot Ion: 42 Resp: 178671

Ion Ratio Lower Upper

42 100

72 45.8 35.0 52.4

71 44.3 33.2 49.8



#30

Chloroform

Concen: 43.131 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN062925.D

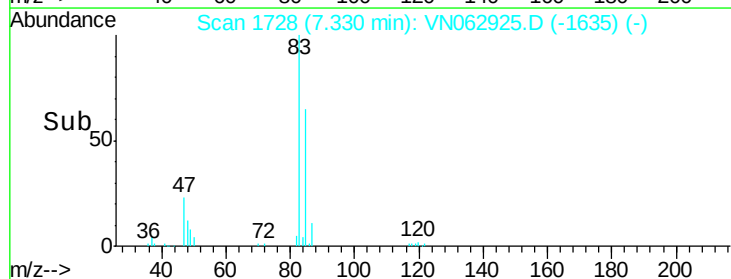
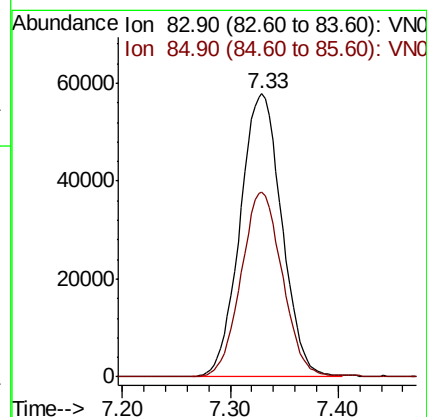
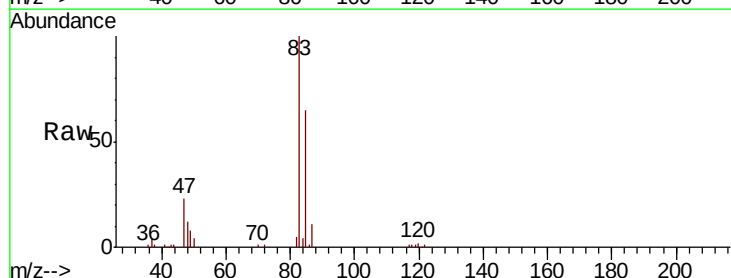
Acq: 13 Aug 2020 21:20

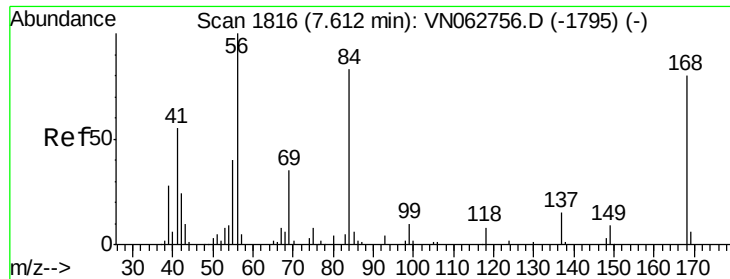
Tgt Ion: 83 Resp: 155701

Ion Ratio Lower Upper

83 100

85 65.1 52.7 79.1

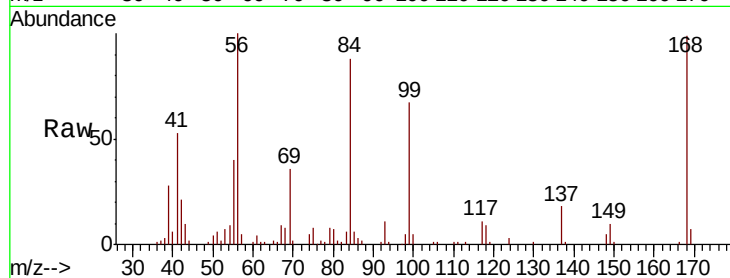




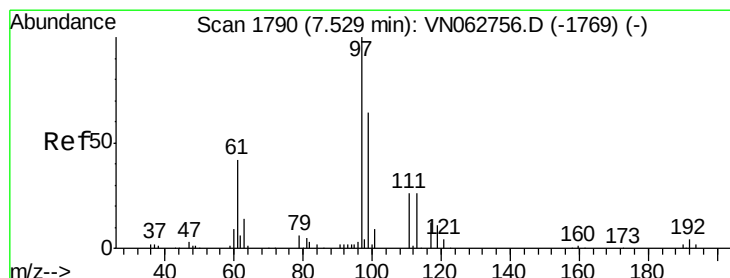
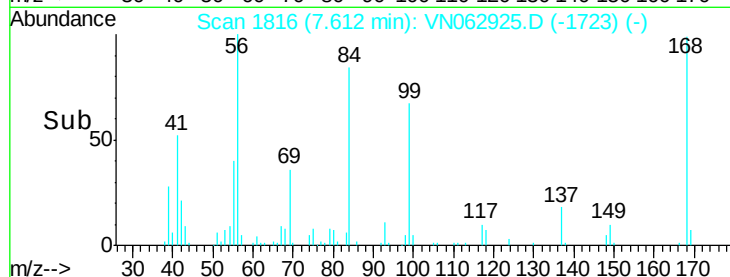
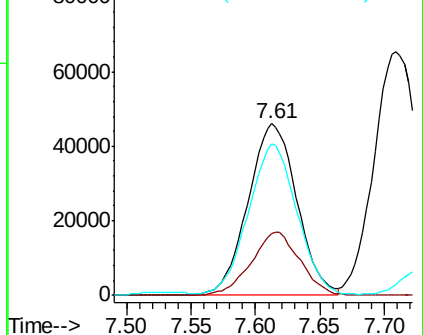
#31
Cyclohexane
Concen: 38.999 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 121604
Ion Ratio Lower Upper
56 100
69 35.8 28.1 42.1
84 86.8 66.8 100.2

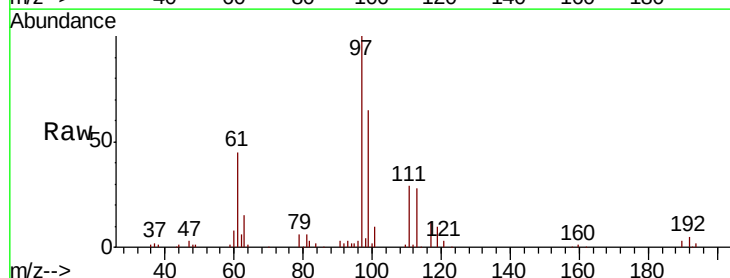


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

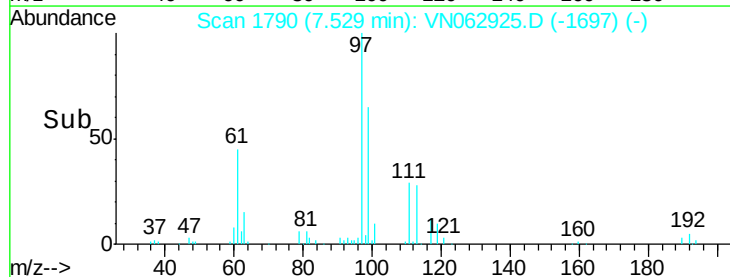
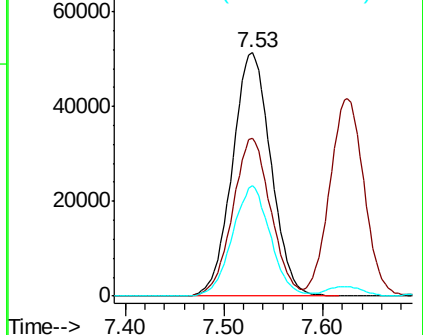


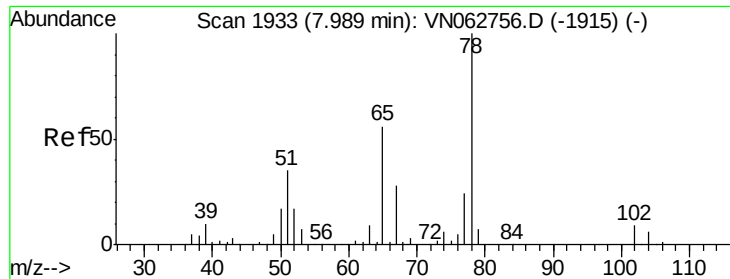
#32
1,1,1-Trichloroethane
Concen: 43.221 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 97 Resp: 139496
Ion Ratio Lower Upper
97 100
99 64.1 50.0 75.0
61 44.6 34.8 52.2



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

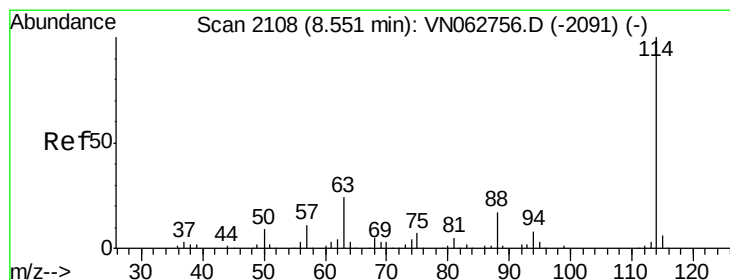
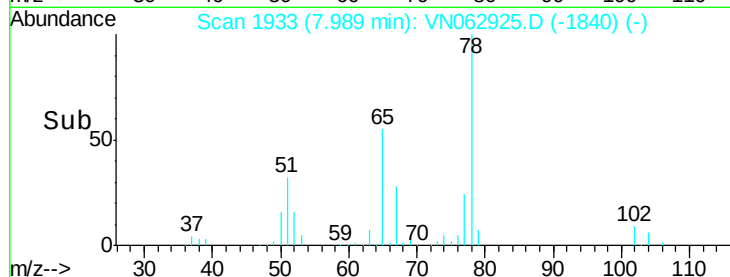
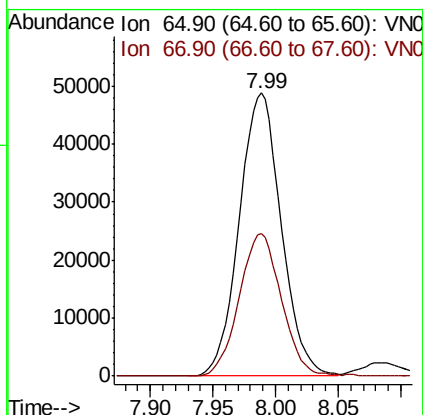
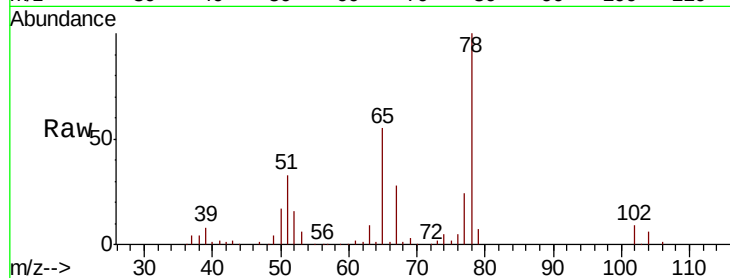




#33
 1,2-Dichloroethane-d4
 Concen: 44.195 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

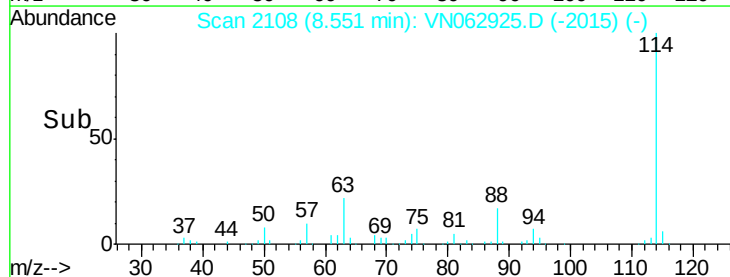
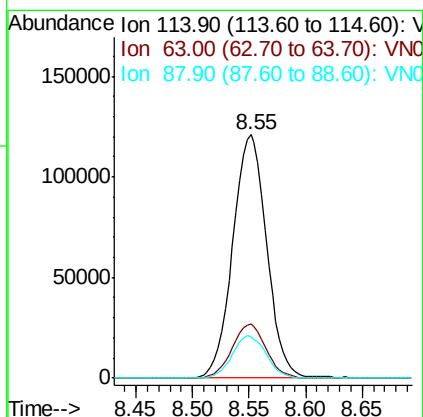
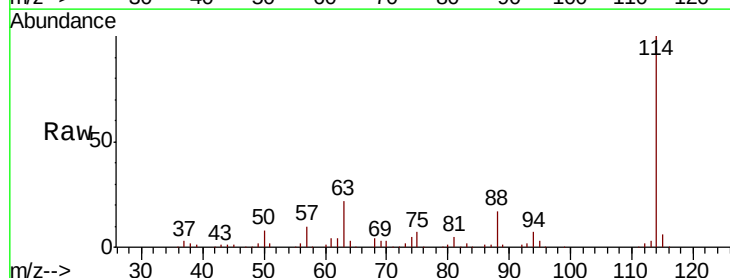
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

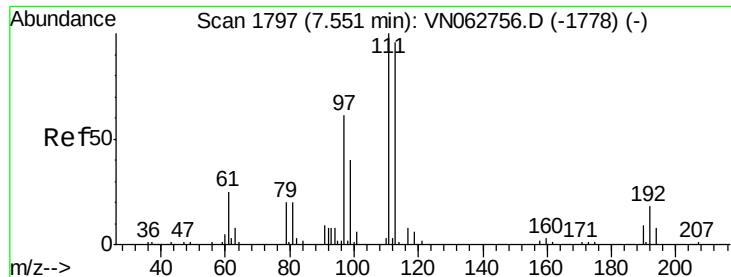
Tot Ion: 65 Resp: 113661
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion: 114 Resp: 252437
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.6
 88 16.9 0.0 34.4

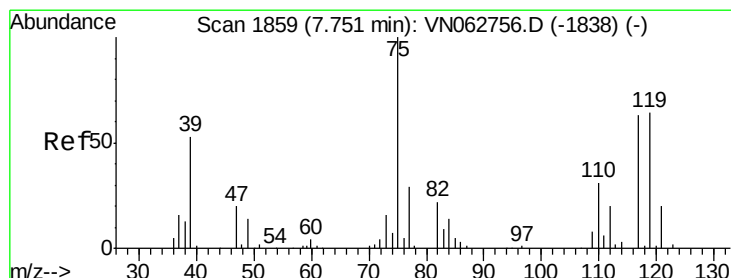
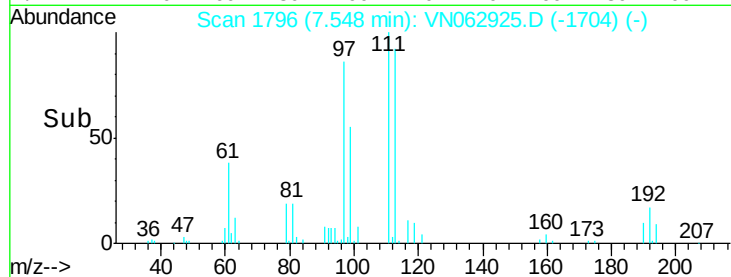
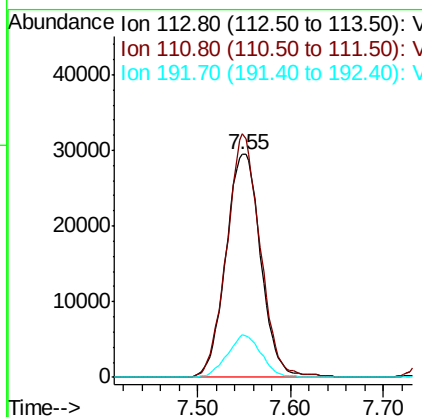
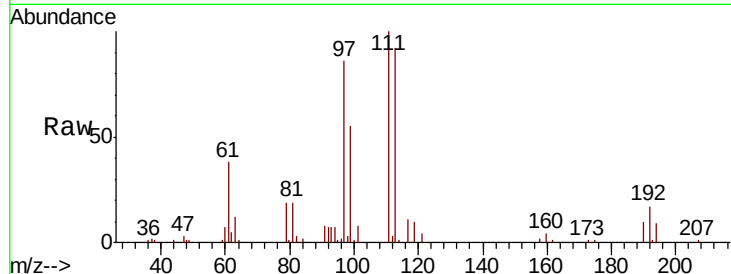




#35
 Dibromofluoromethane
 Concen: 44.688 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

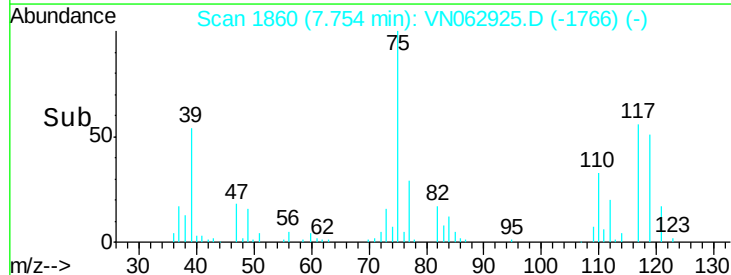
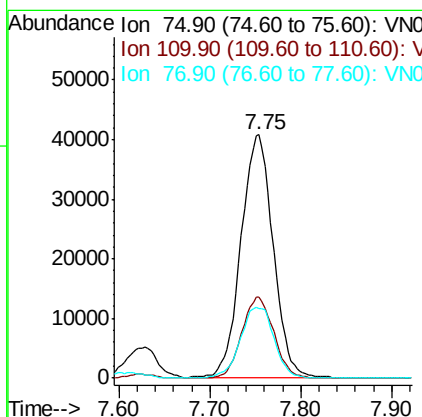
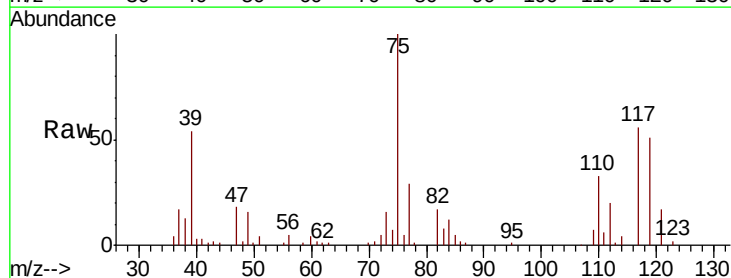
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

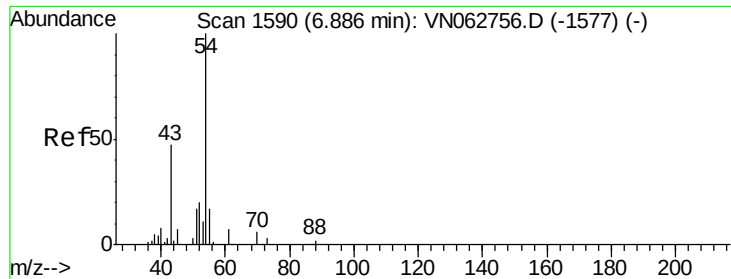
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	18.4	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 40.977 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.7	15.6	46.7
77	30.4	24.1	36.1

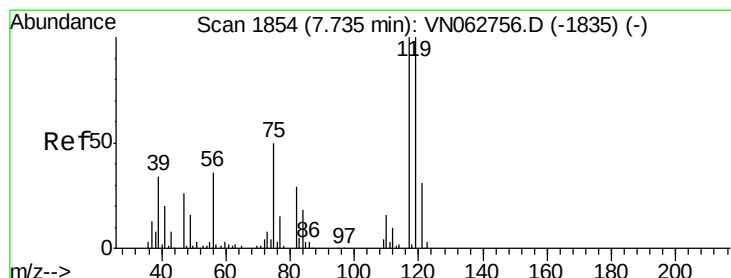
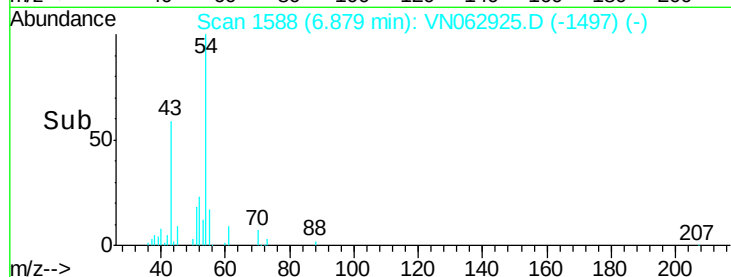
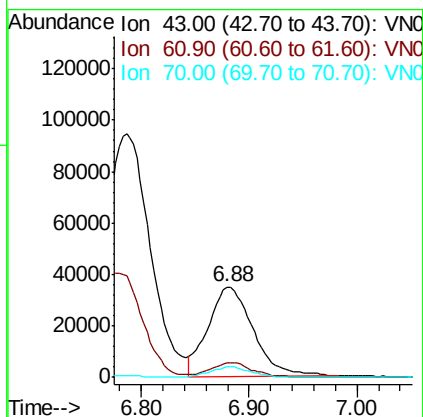
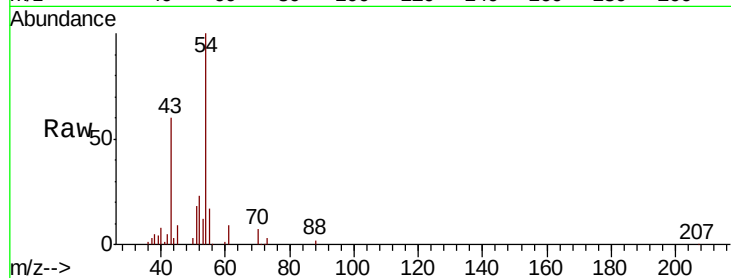




#37
Ethyl Acetate
Concen: 39.391 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

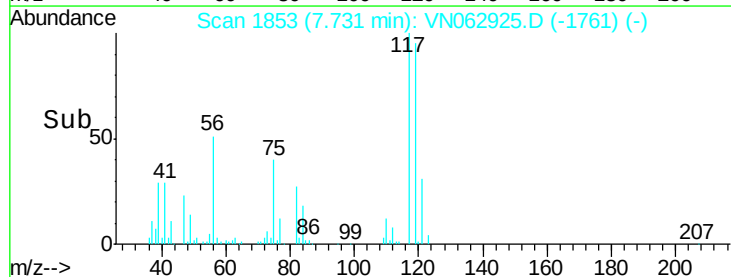
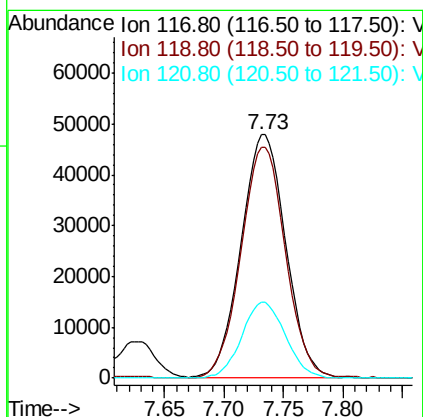
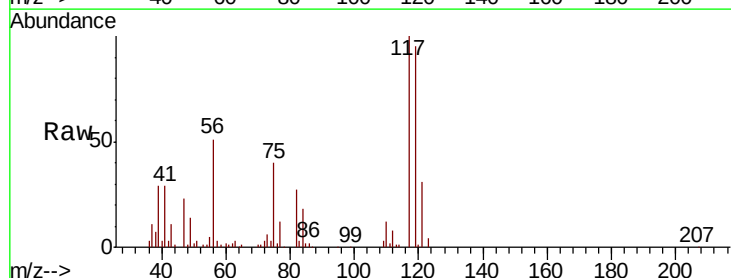
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

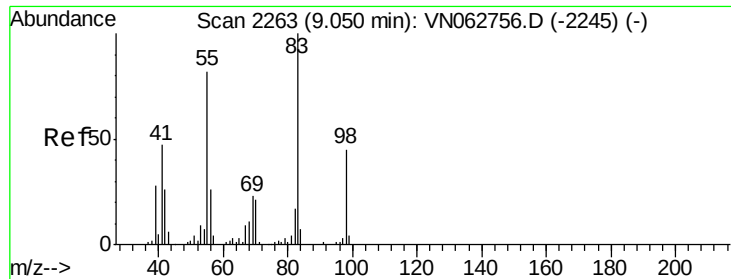
Tot Ion: 43 Resp: 101141
Ion Ratio Lower Upper
43 100
61 15.3 12.1 18.1
70 10.7 8.3 12.5



#38
Carbon Tetrachloride
Concen: 42.593 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 117 Resp: 123820
Ion Ratio Lower Upper
117 100
119 95.3 79.4 119.2
121 31.6 24.9 37.3

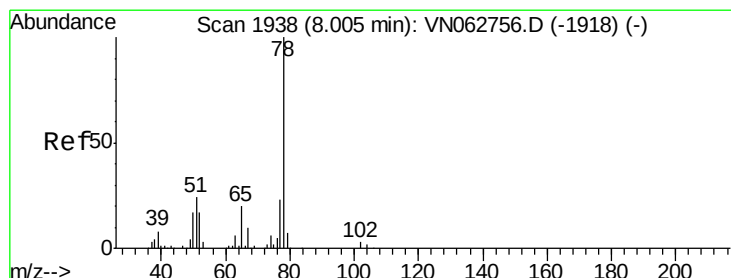
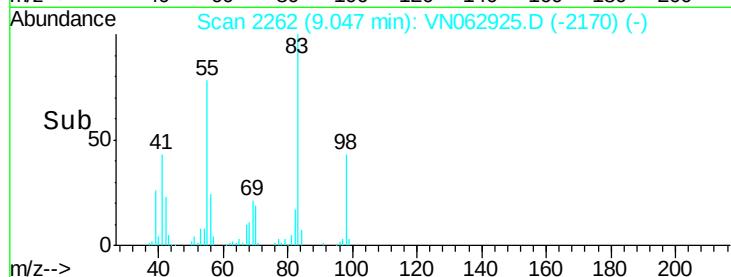
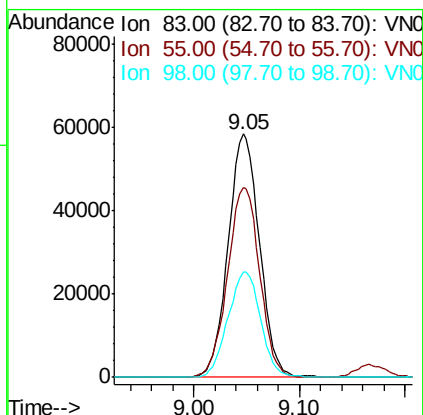
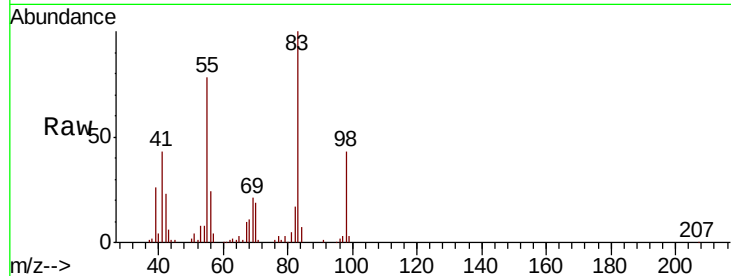




#39
Methylvlcyclohexane
Concen: 40.463 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

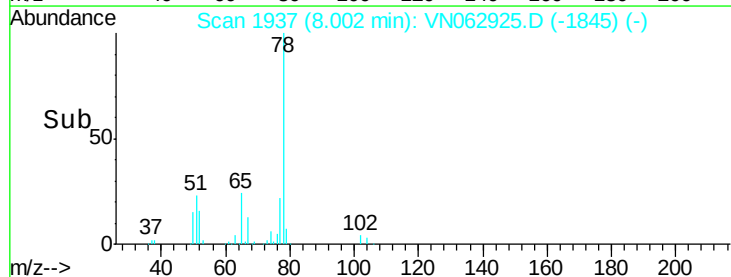
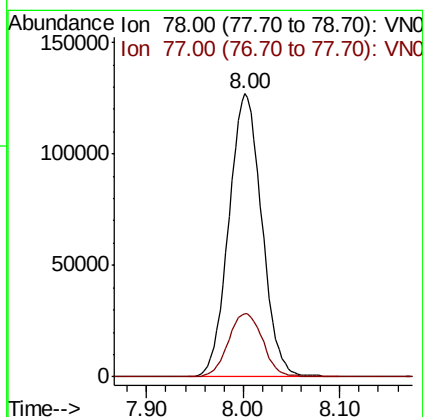
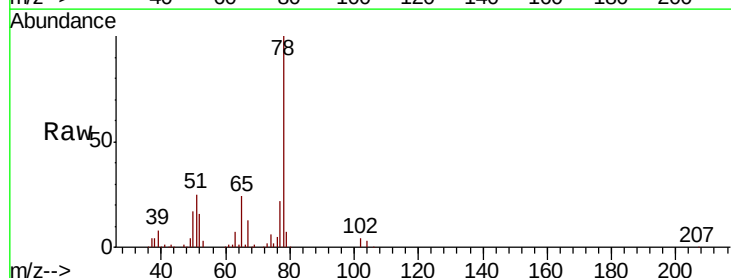
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

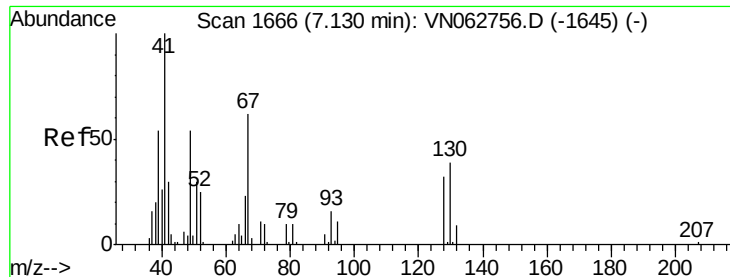
Tot Ion: 83 Resp: 119693
Ion Ratio Lower Upper
83 100
55 78.1 65.7 98.5
98 43.1 35.6 53.4



#40
Benzene
Concen: 41.011 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 78 Resp: 300809
Ion Ratio Lower Upper
78 100
77 22.4 18.1 27.1

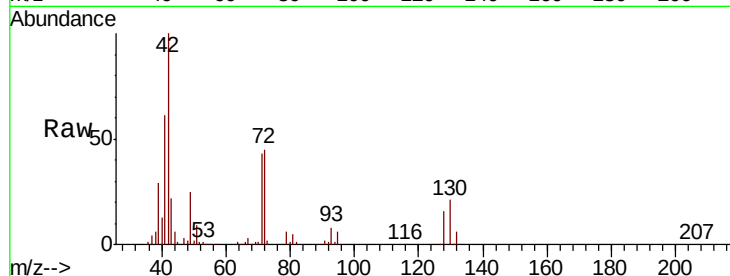




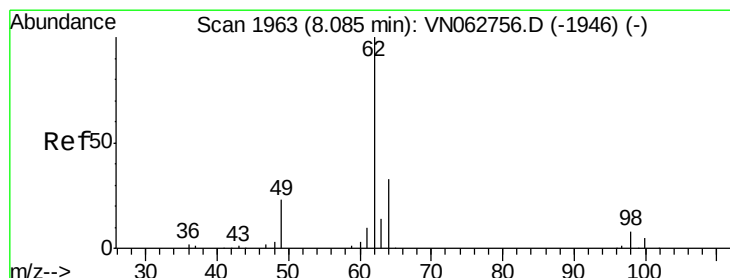
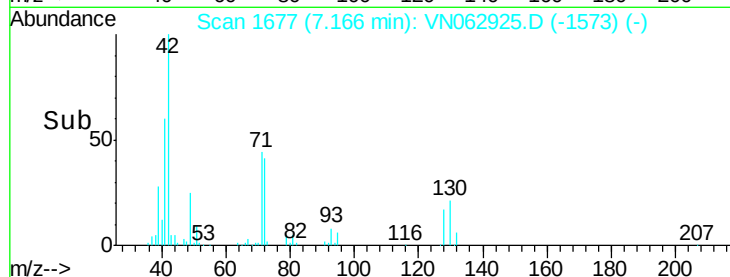
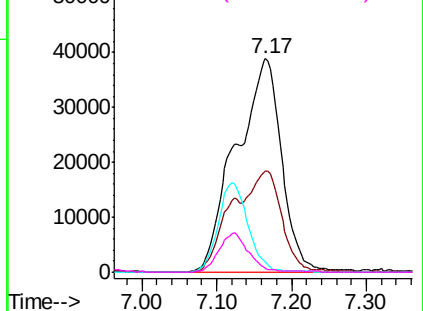
#41
Methacrylonitrile
Concen: 141.922 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	164435
Ion	Ratio	Lower	Upper
41	100		
39	0.0	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

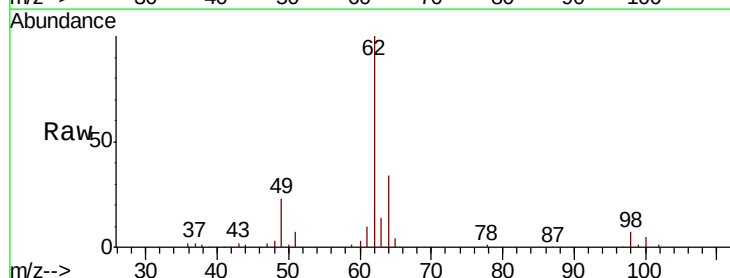


Abundance Ion 41.00 (40.70 to 41.70): VN062925.D (-1573) (-)
Ion 39.00 (38.70 to 39.70): VN062925.D (-1573) (-)
Ion 67.00 (66.70 to 67.70): VN062925.D (-1573) (-)
Ion 52.00 (51.70 to 52.70): VN062925.D (-1573) (-)

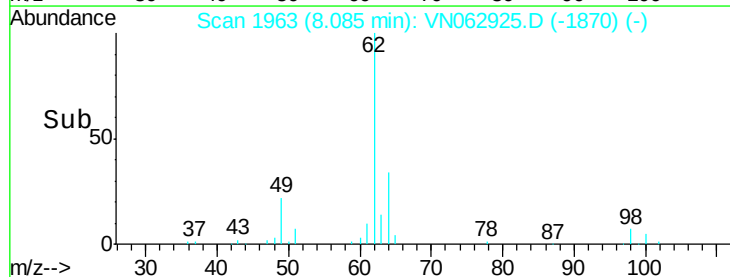
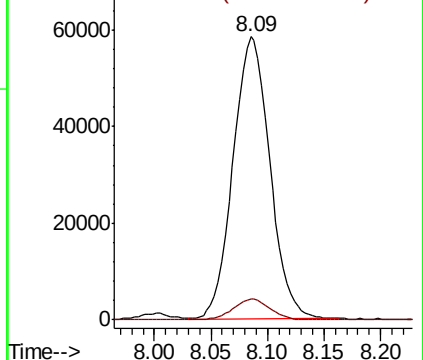


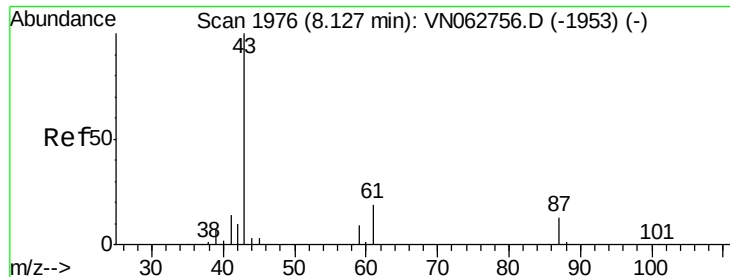
#42
1,2-Dichloroethane
Concen: 42.491 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion:	62	Resp:	132650
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN062925.D (-1870) (-)
Ion 97.90 (97.60 to 98.60): VN062925.D (-1870) (-)





#43

Isopropyl Acetate

Concen: 39.921 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

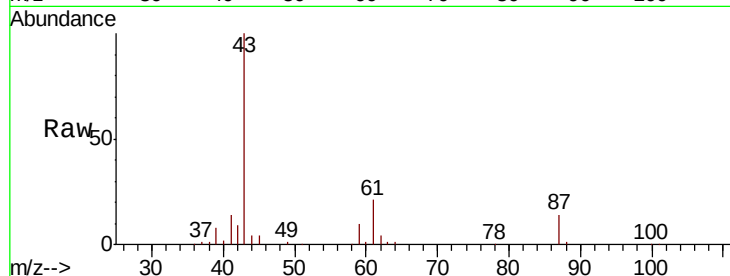
Tot Ion: 43 Resp: 170970

Ion Ratio Lower Upper

43 100

61 20.0 15.8 23.6

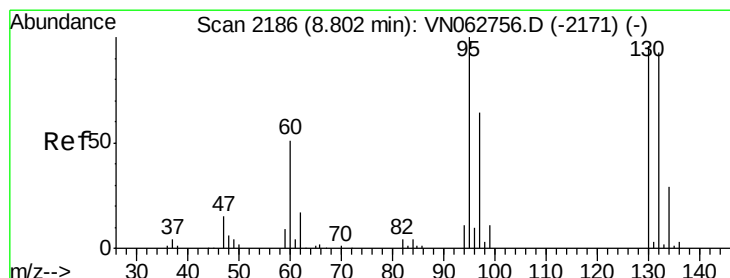
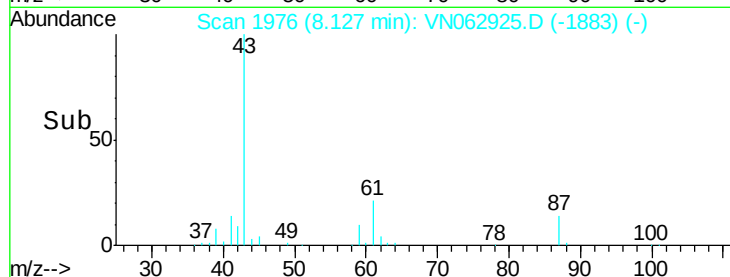
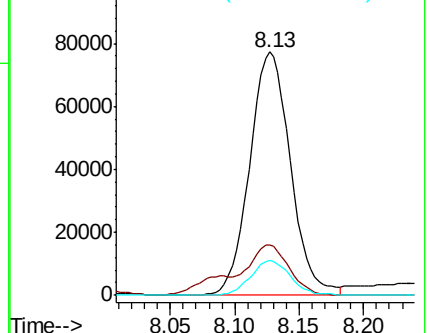
87 13.9 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062925.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062925.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062925.D (-1883) (-)



#44

Trichloroethene

Concen: 41.695 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062925.D

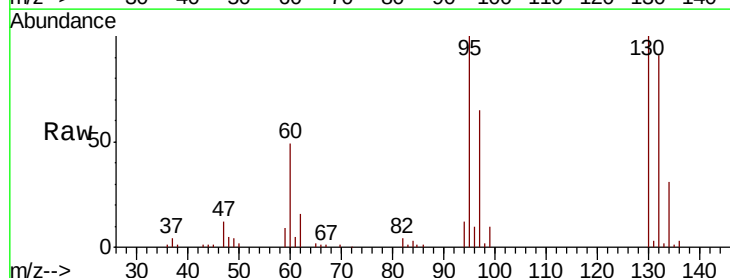
Acq: 13 Aug 2020 21:20

Tgt Ion: 130 Resp: 74509

Ion Ratio Lower Upper

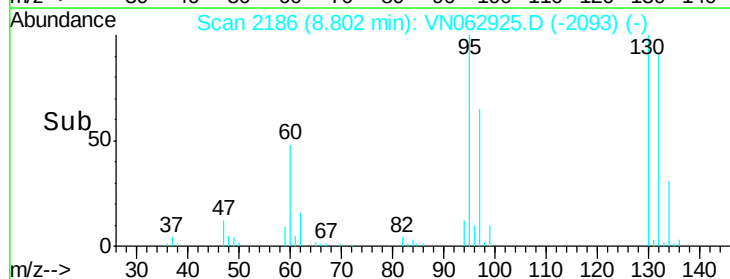
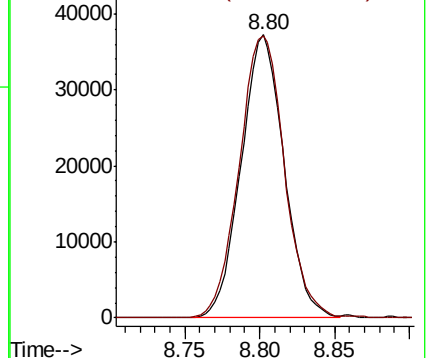
130 100

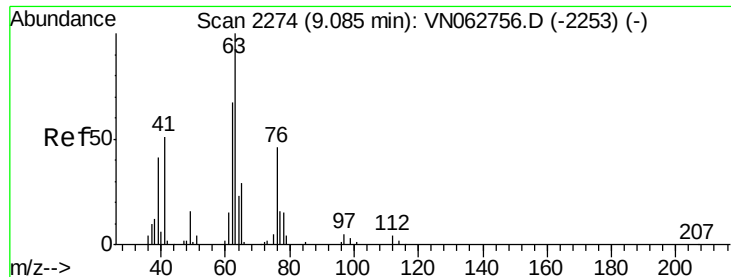
95 99.9 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062925.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062925.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 41.607 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

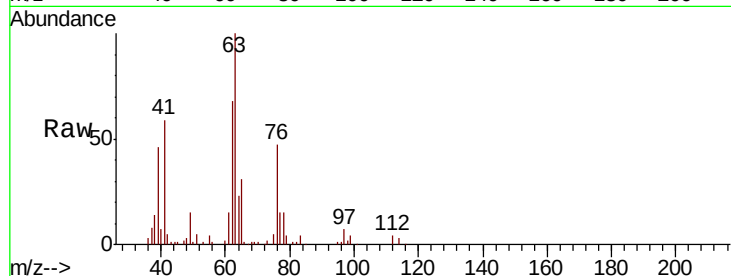
VSTDCCC050EC

Tot Ion: 63 Resp: 82597

Ion Ratio Lower Upper

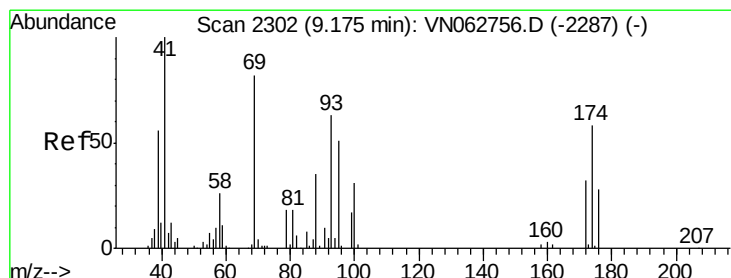
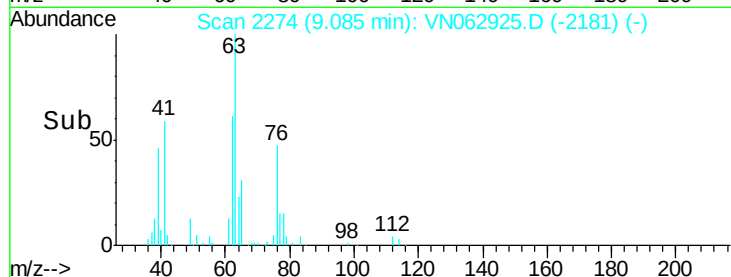
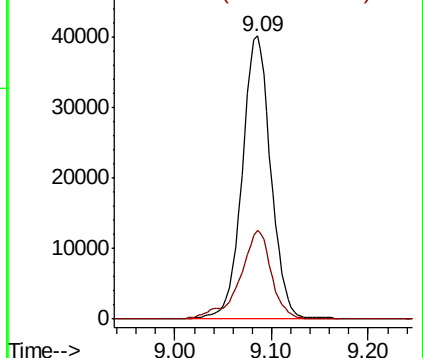
63 100

65 31.2 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 43.141 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

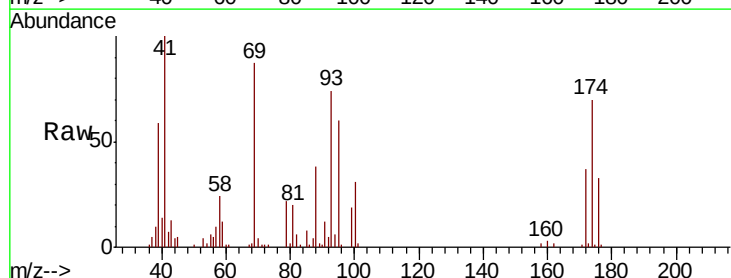
Tgt Ion: 93 Resp: 56113

Ion Ratio Lower Upper

93 100

95 85.1 65.1 97.7

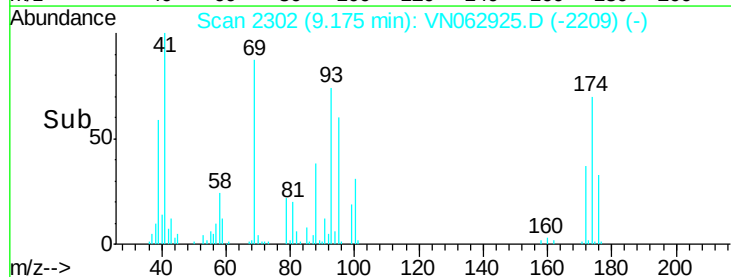
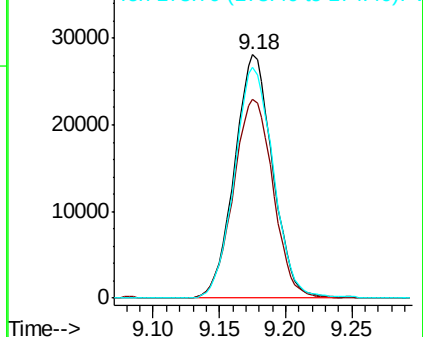
174 97.0 73.9 110.9

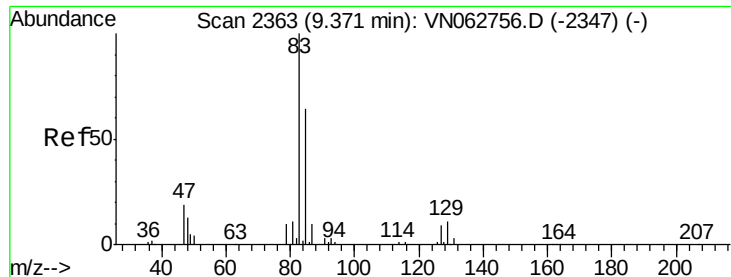


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 44.911 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

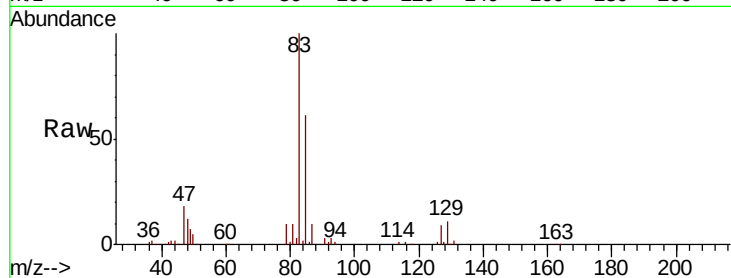
Tot Ion: 83 Resp: 131198

Ion Ratio Lower Upper

83 100

85 61.2 51.4 77.0

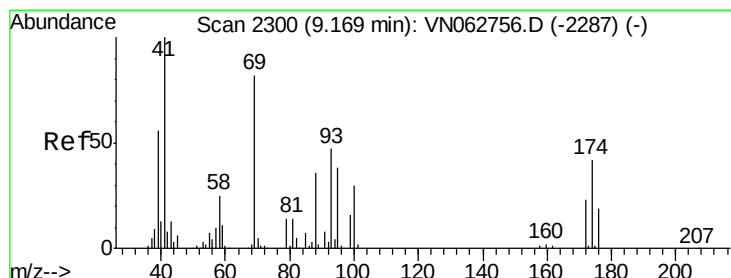
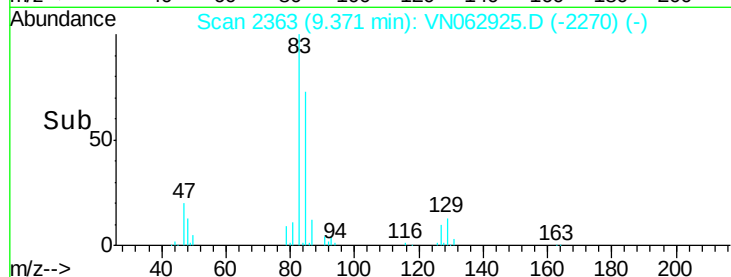
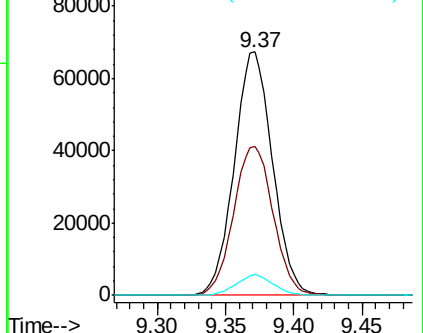
127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062925.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062925.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062925.D (-2270) (-)



#48

Methyl methacrylate

Concen: 40.351 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

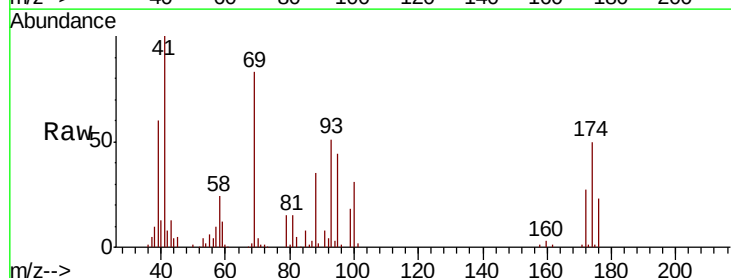
Tgt Ion: 41 Resp: 85000

Ion Ratio Lower Upper

41 100

69 88.9 67.4 101.2

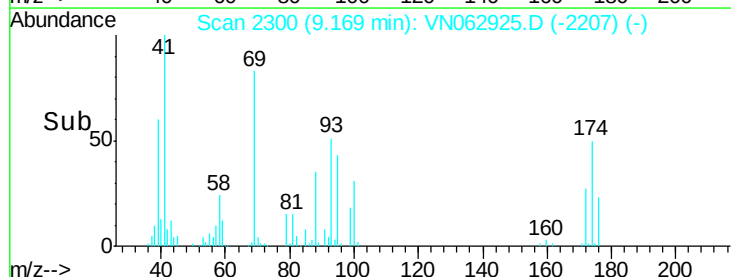
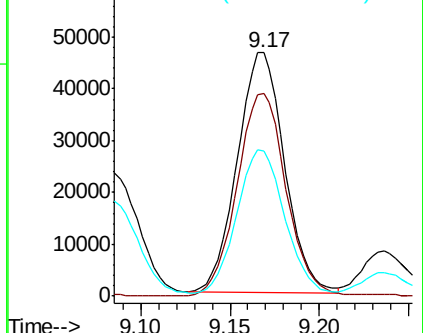
39 63.0 47.6 71.4

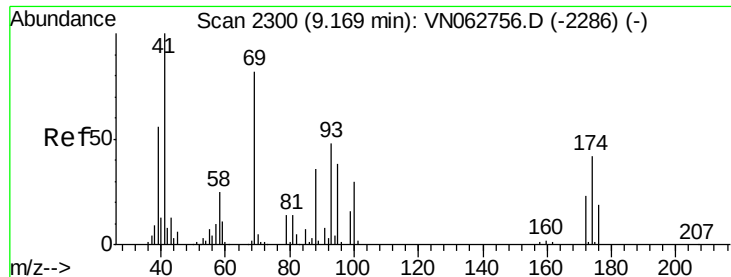


Abundance Ion 41.00 (40.70 to 41.70): VN062925.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062925.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062925.D (-2207) (-)

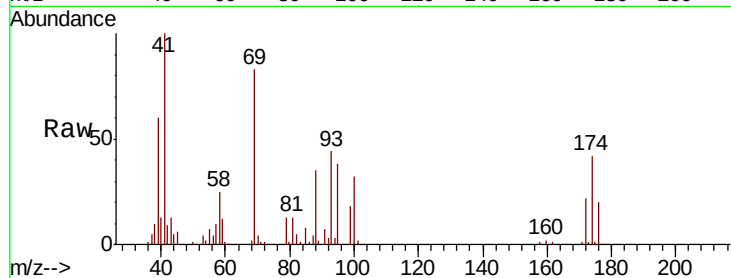




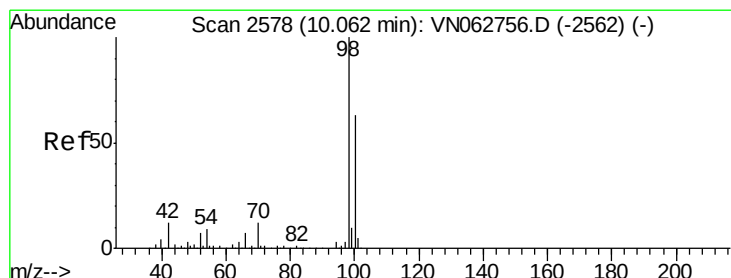
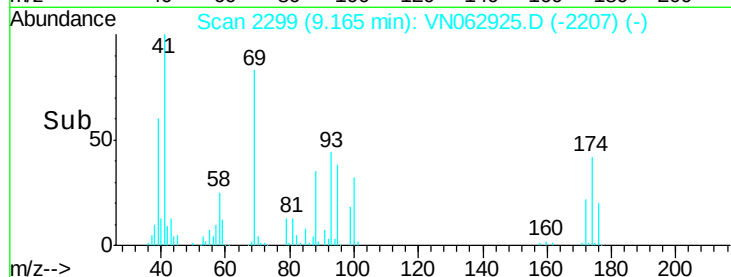
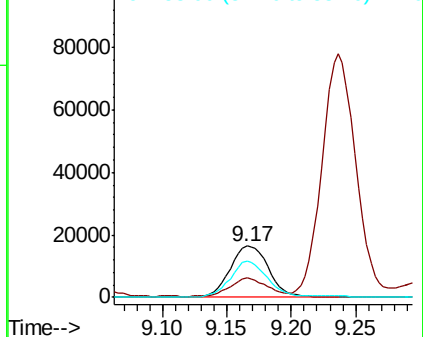
#49
1,4-Dioxane
Concen: 883.928 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 34502
Ion Ratio Lower Upper
88 100
43 34.4 29.5 44.3
58 67.5 59.8 89.8

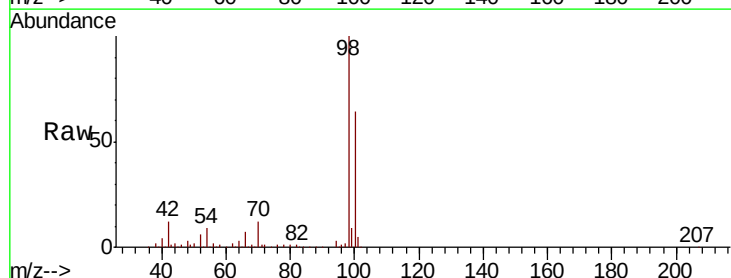


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

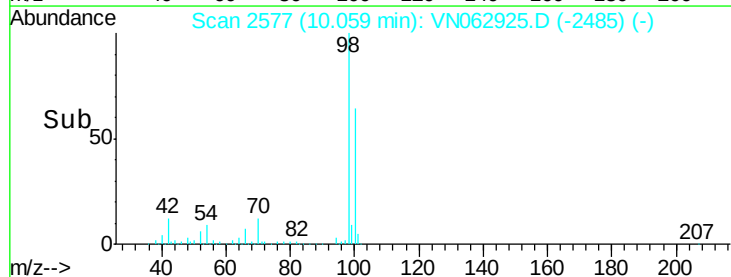
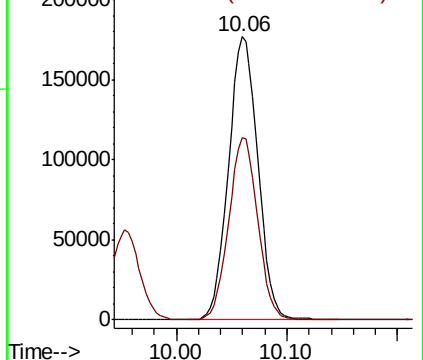


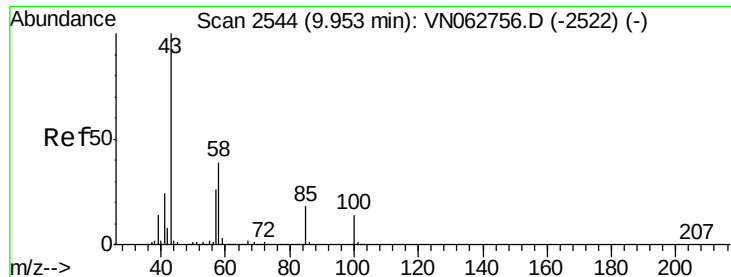
#50
Toluene-d8
Concen: 48.474 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 98 Resp: 326792
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



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

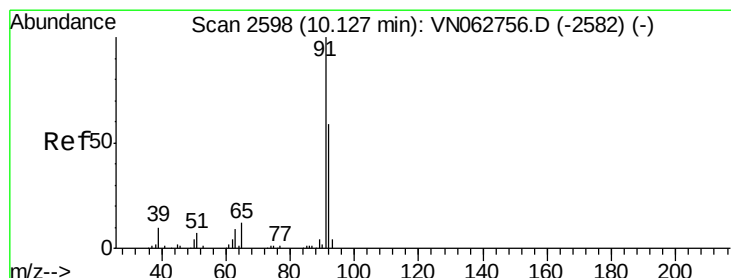
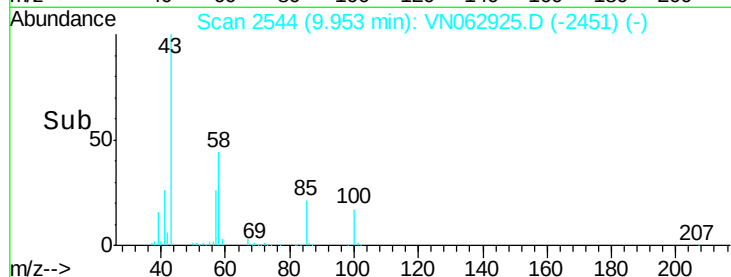
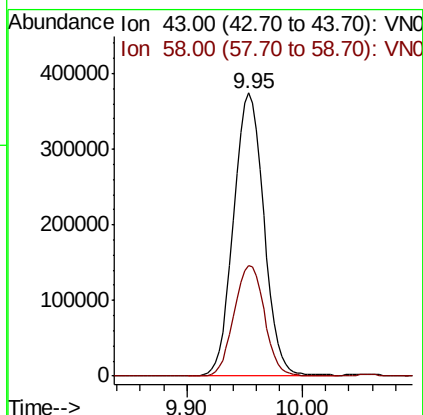
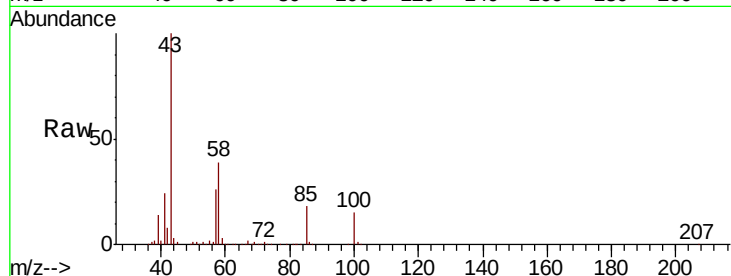




#51
 4-Methyl-2-Pentanone
 Concen: 244.846 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

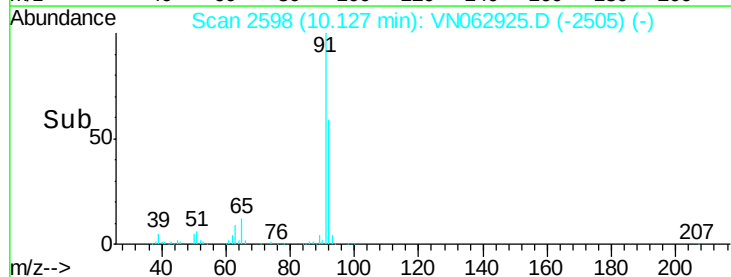
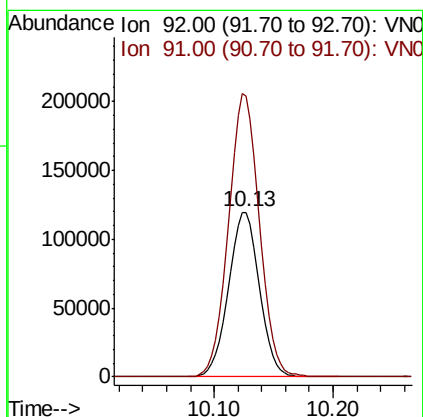
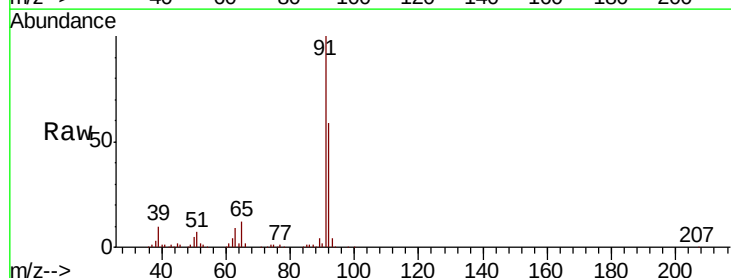
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

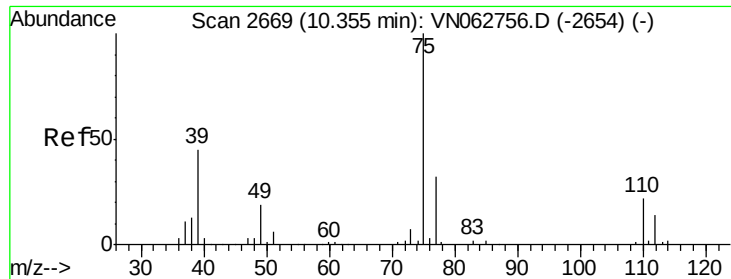
Tot Ion: 43 Resp: 678464
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.1 46.7



#52
 Toluene
 Concen: 47.585 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion: 92 Resp: 215498
 Ion Ratio Lower Upper
 92 100
 91 171.3 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 46.224 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

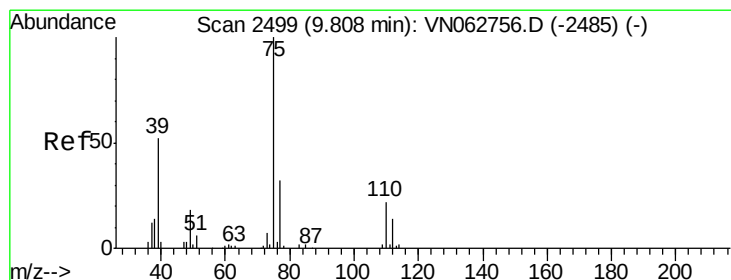
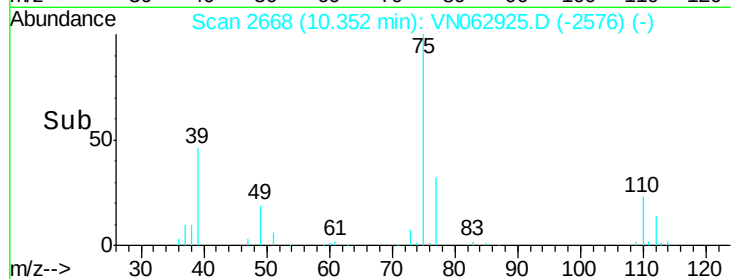
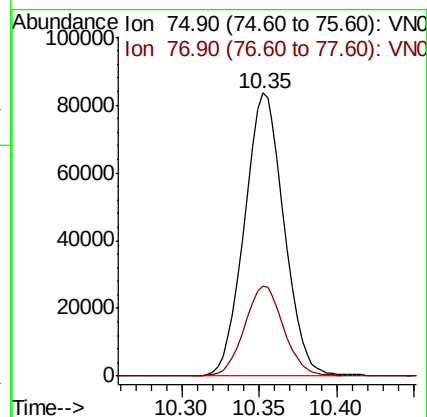
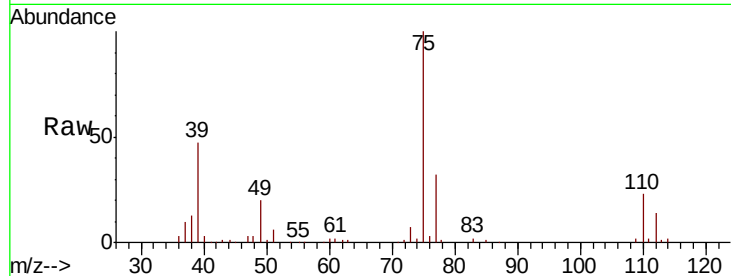
VSTDCCC050EC

Tot Ion: 75 Resp: 148533

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 43.126 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

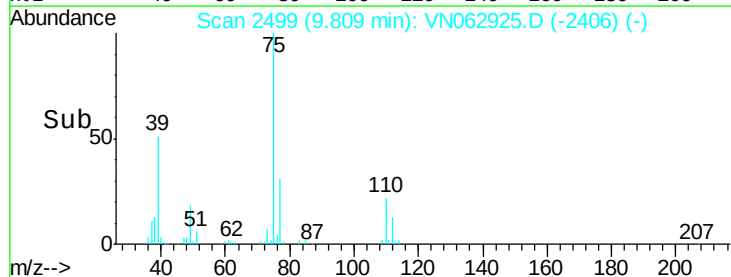
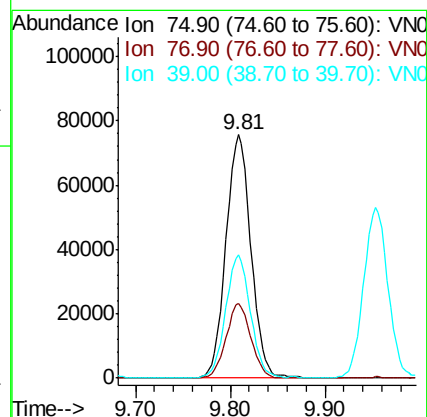
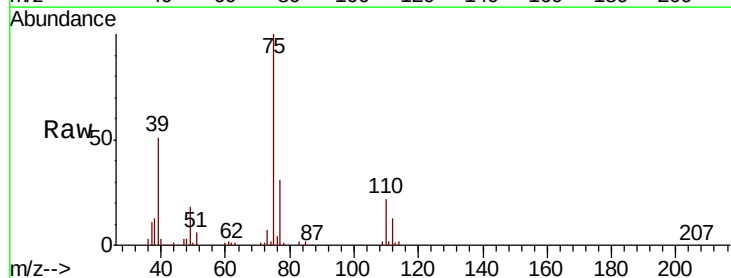
Tgt Ion: 75 Resp: 139137

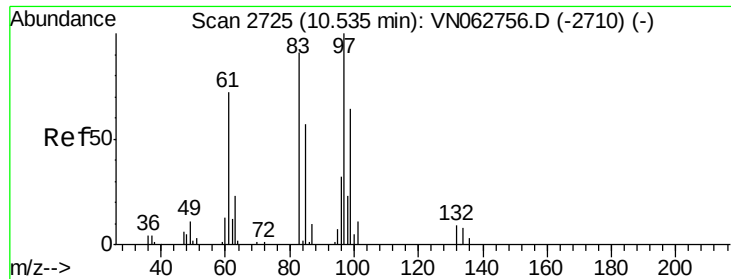
Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

39 50.5 41.9 62.9

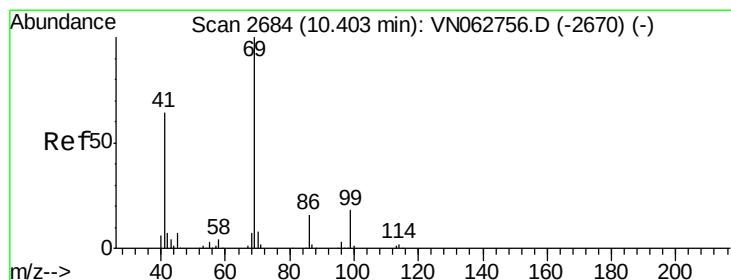
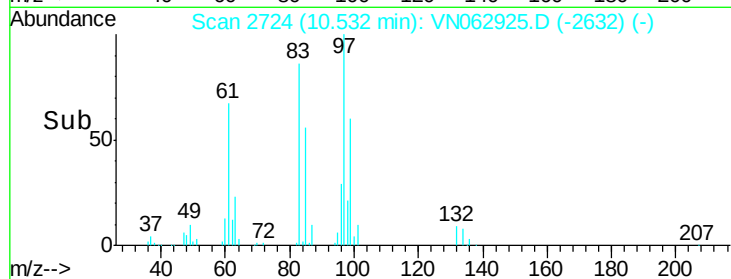
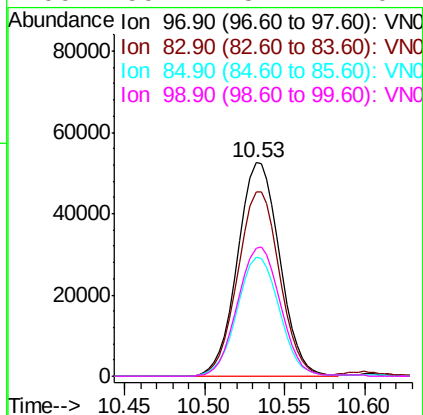
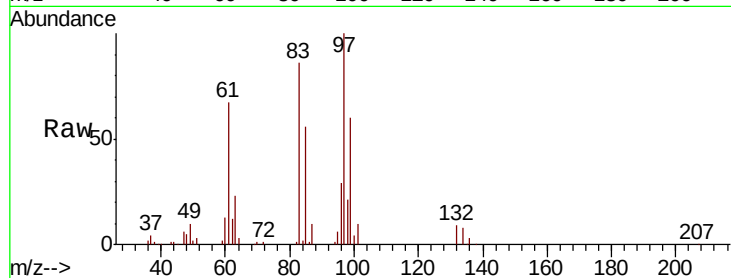




#55
 1,1,2-Trichloroethane
 Concen: 48.900 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

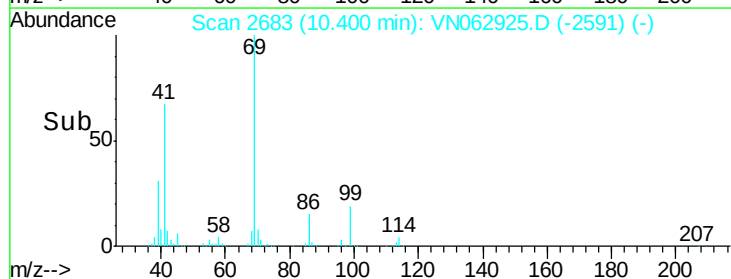
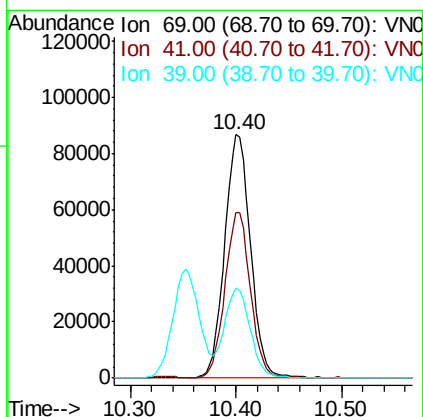
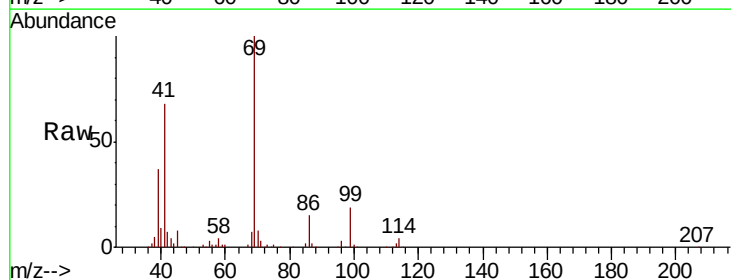
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

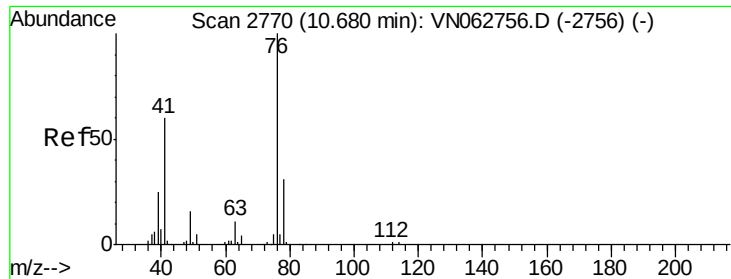
Tot Ion:	97	Resp:	94581
Ion	Ratio	Lower	Upper
97	100		
83	86.2	72.6	108.8
85	55.8	46.0	69.0
99	59.7	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 50.614 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion:	69	Resp:	147351
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.2
39	36.8	30.9	46.3





#57

1,3-Dichloropropane

Concen: 49.552 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

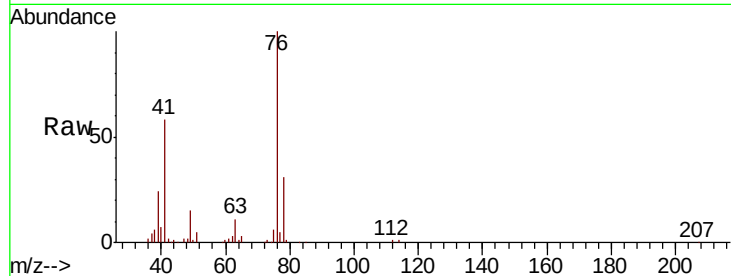
VSTDCCC050EC

Tot Ion: 76 Resp: 162848

Ion Ratio Lower Upper

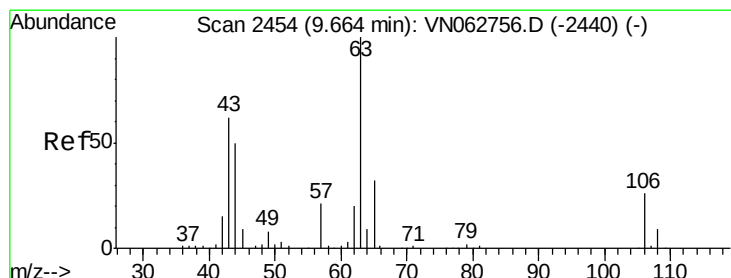
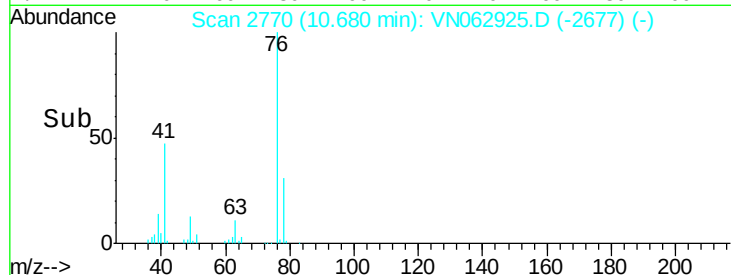
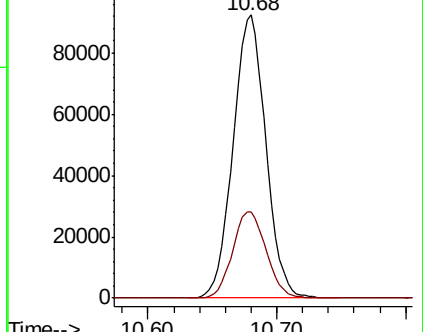
76 100

78 31.4 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN062925.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN062925.D (-2677) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 196.695 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062925.D

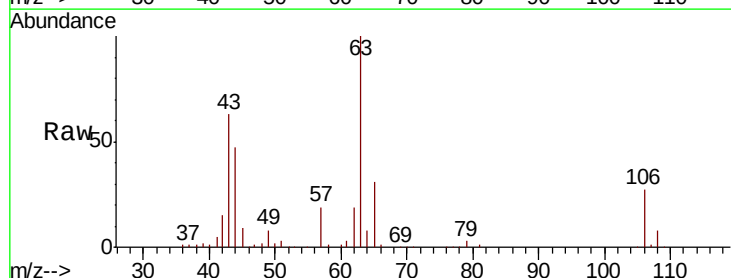
Acq: 13 Aug 2020 21:20

Tgt Ion: 63 Resp: 161863

Ion Ratio Lower Upper

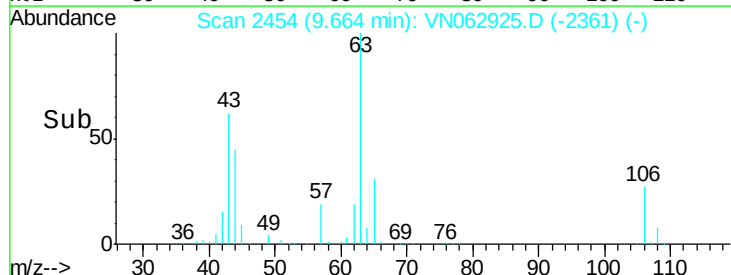
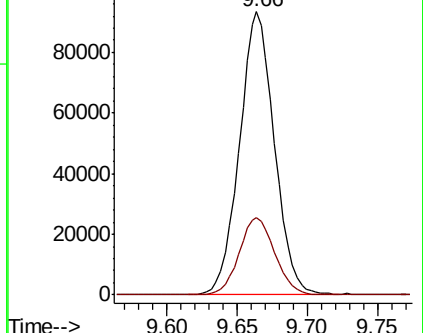
63 100

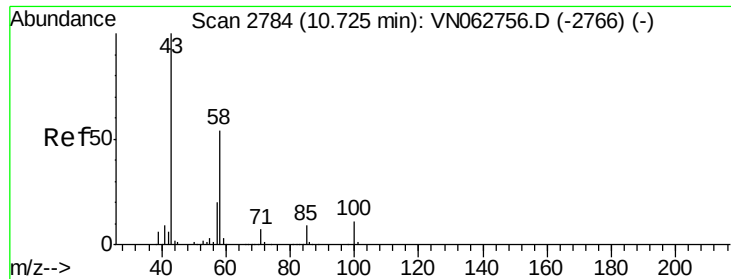
106 27.8 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN062925.D (-2361) (-)

Ion 105.90 (105.60 to 106.60): VN062925.D (-2361) (-)

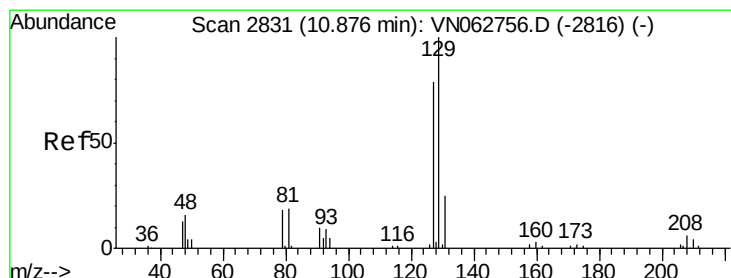
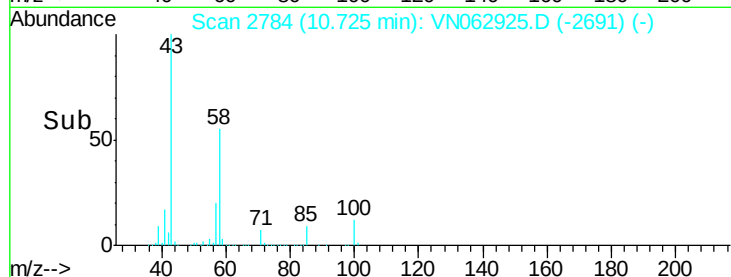
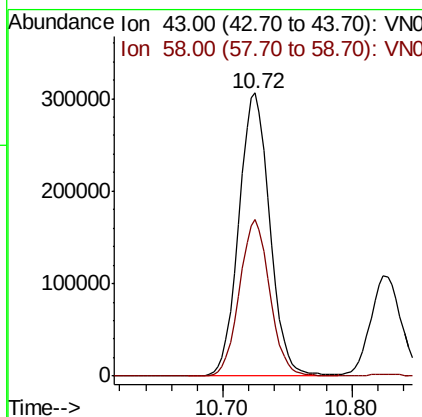
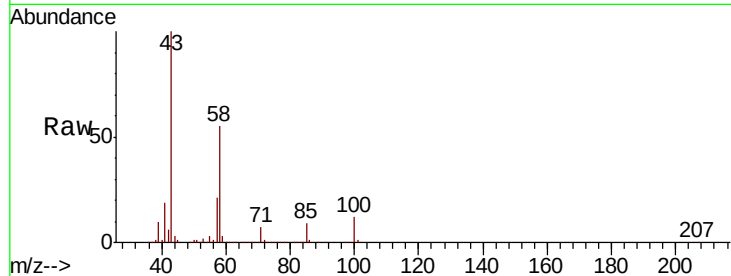




#59
2-Hexanone
Concen: 246.354 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

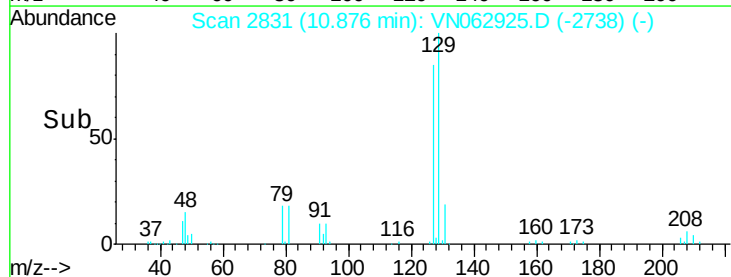
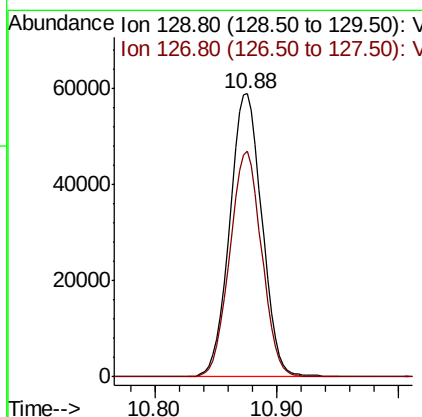
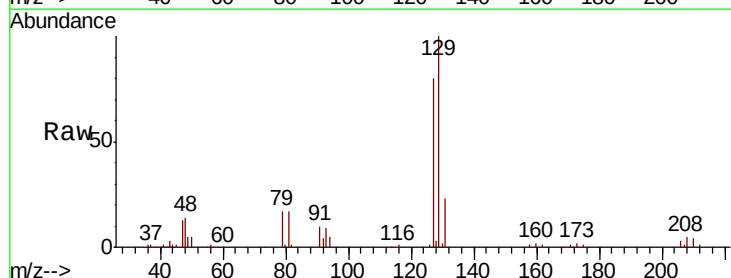
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

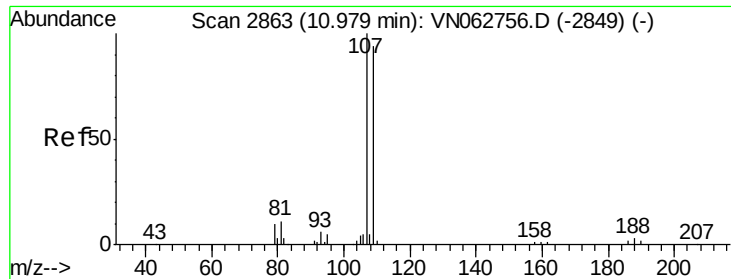
Tot Ion: 43 Resp: 509213
Ion Ratio Lower Upper
43 100
58 54.4 26.7 80.1



#60
Dibromochloromethane
Concen: 49.085 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 129 Resp: 108340
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2

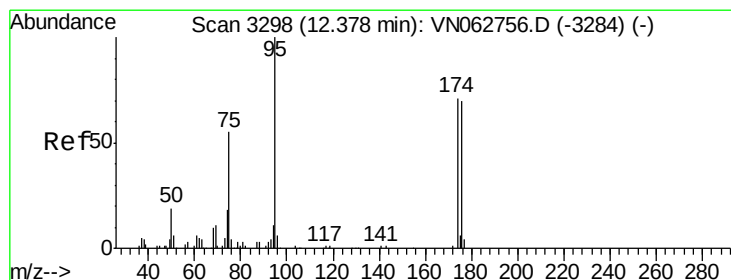
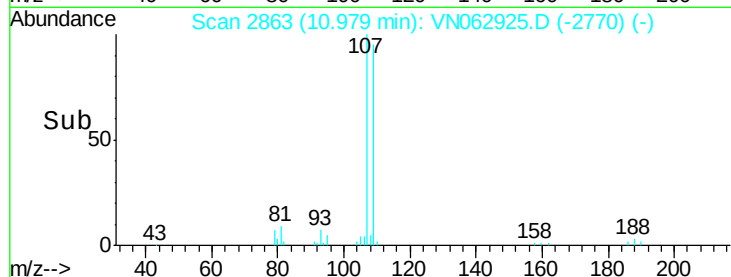
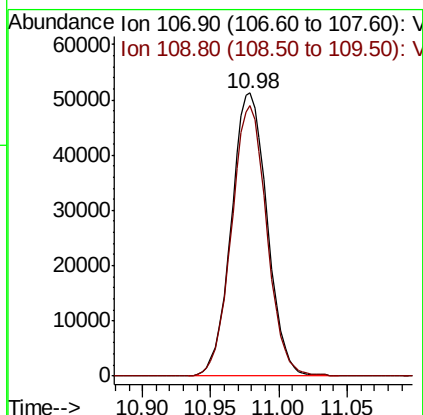
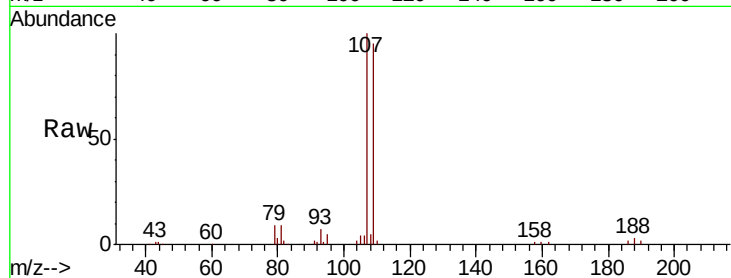




#61
 1,2-Dibromoethane
 Concen: 48.935 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

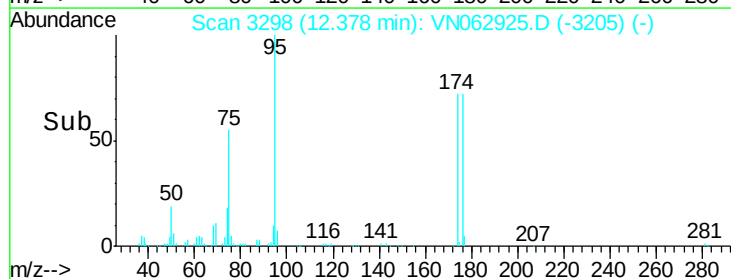
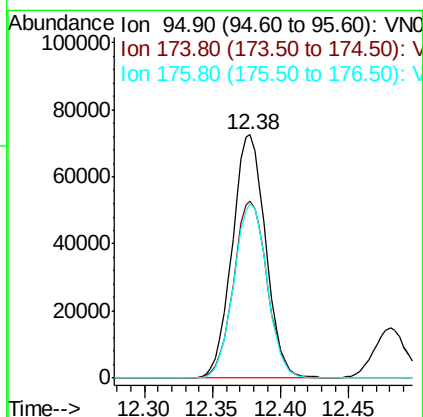
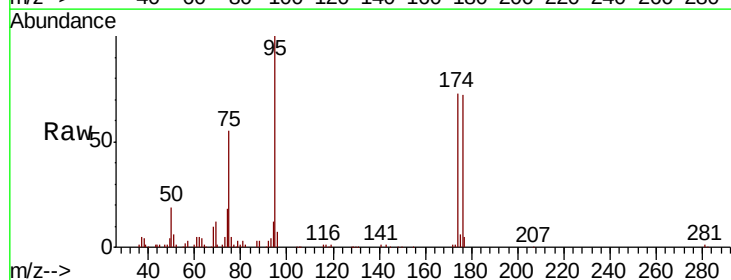
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

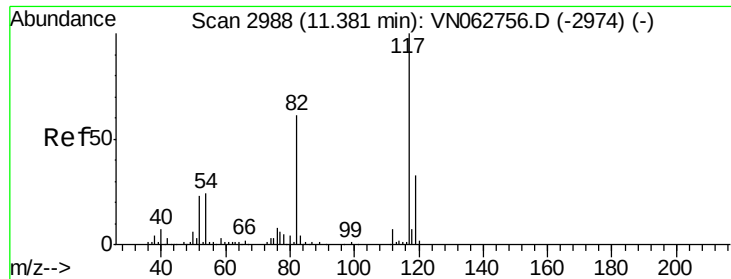
Tot Ion:107 Resp: 93395
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 48.515 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion: 95 Resp: 123599
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 144.8
 176 71.5 0.0 142.2

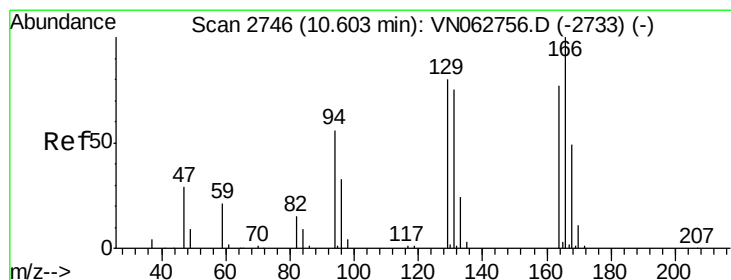
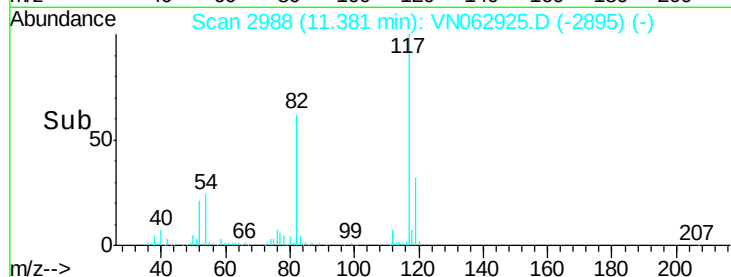
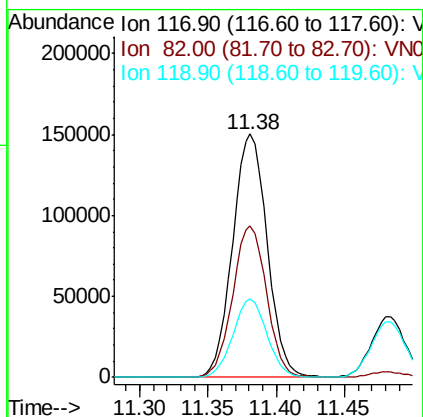
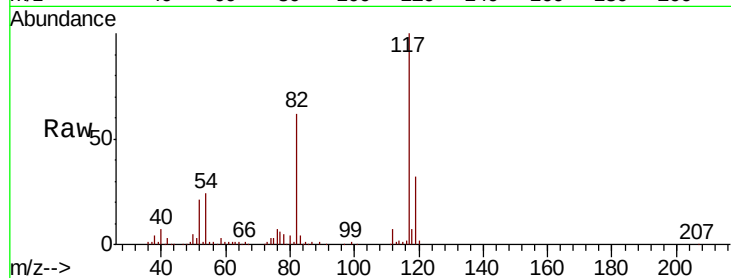




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

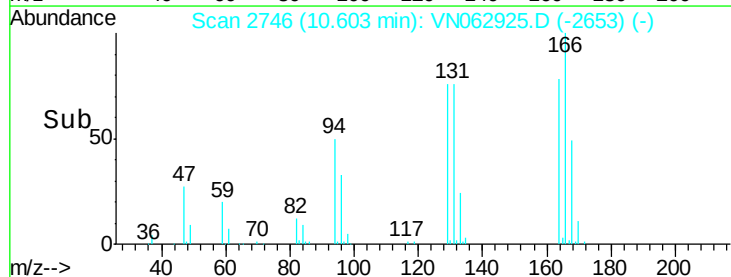
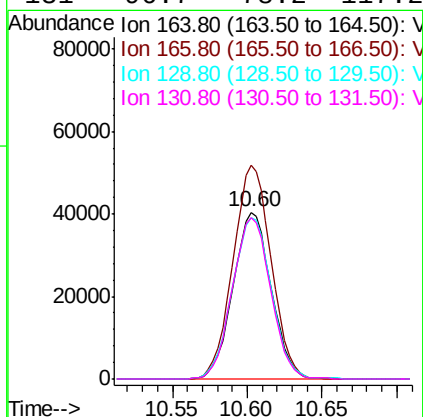
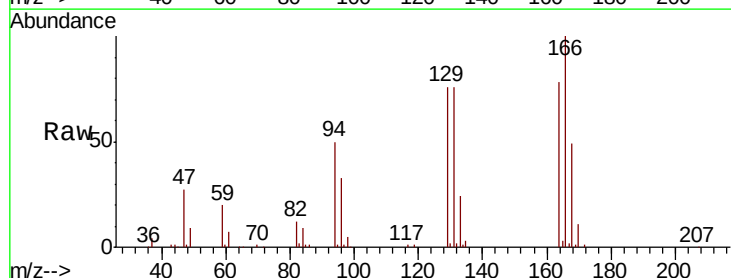
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

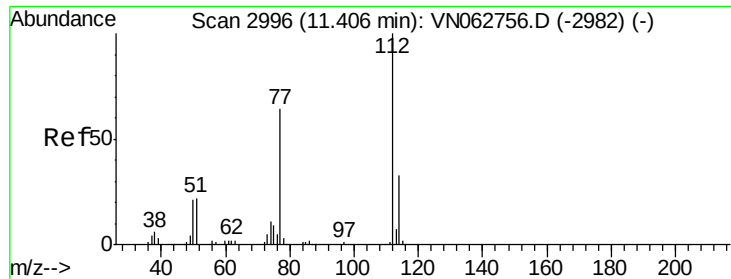
Tot Ion:117 Resp: 264900
Ion Ratio Lower Upper
117 100
82 62.0 49.0 73.4
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 41.887 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion:164 Resp: 71592
Ion Ratio Lower Upper
164 100
166 127.9 103.8 155.8
129 96.6 82.7 124.1
131 96.7 78.2 117.2

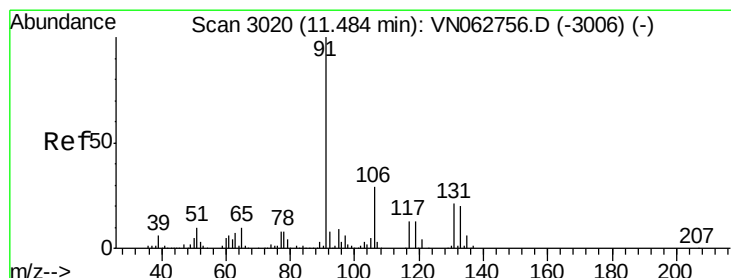
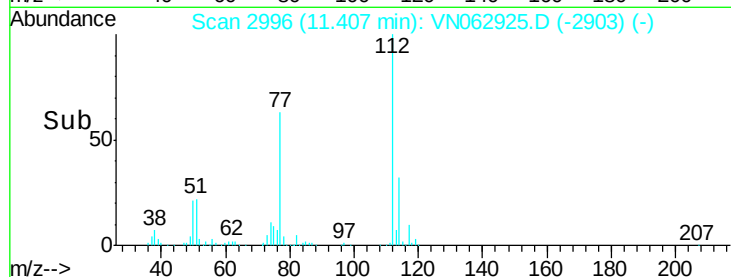
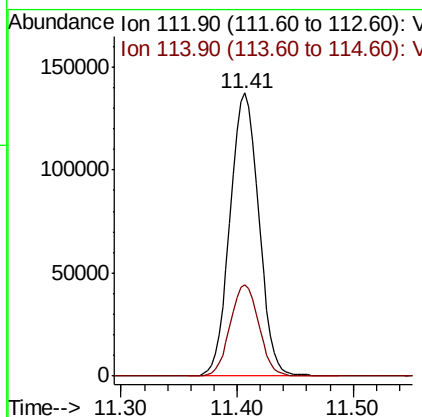
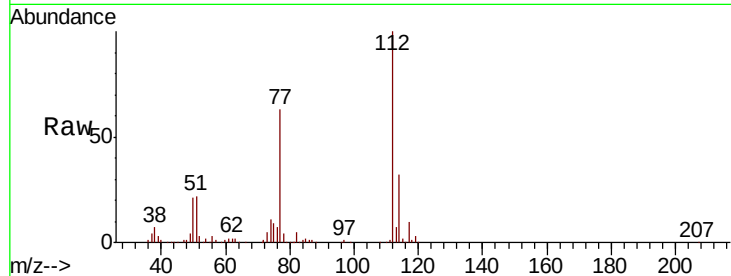




#65
Chlorobenzene
Concen: 42.751 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

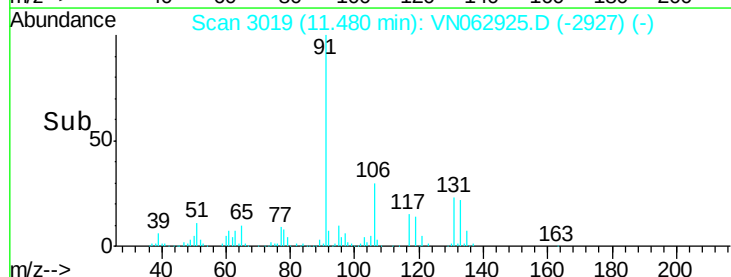
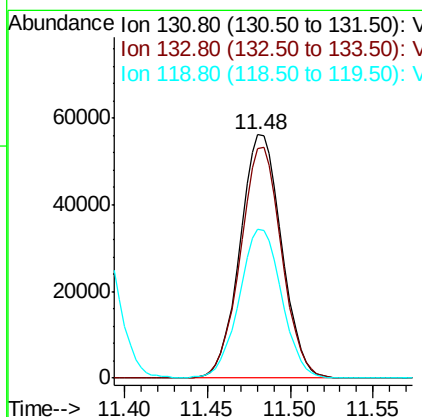
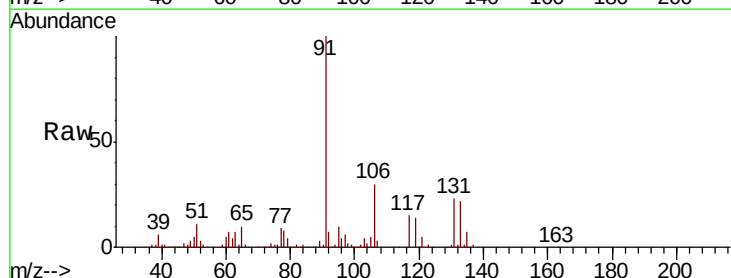
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

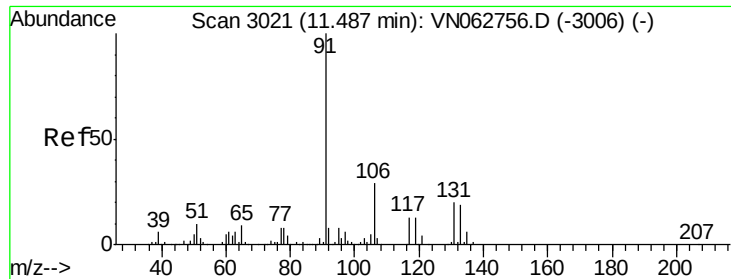
Tot Ion:112 Resp: 236733
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 44.043 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion:131 Resp: 97938
Ion Ratio Lower Upper
131 100
133 94.3 48.6 145.8
119 62.4 32.2 96.6

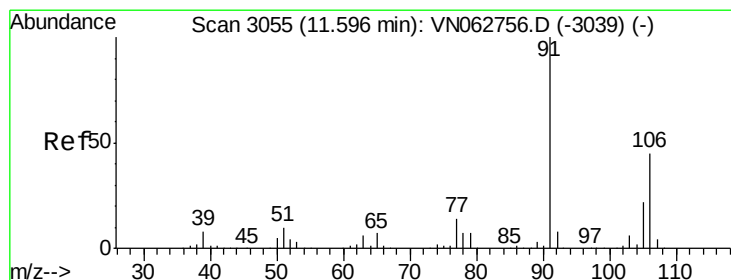
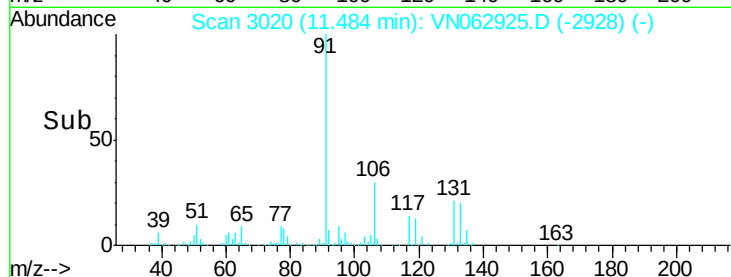
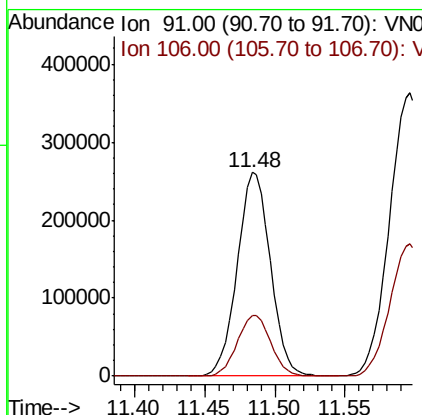
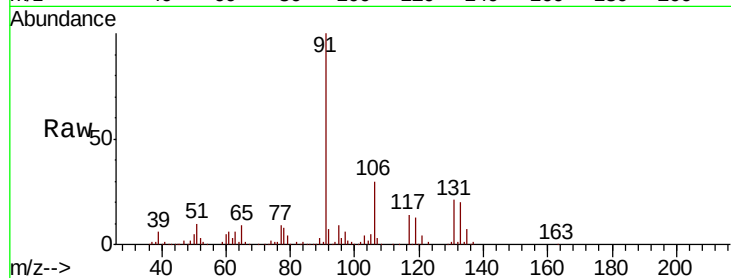




#67
Ethyl Benzene
Concen: 43.601 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

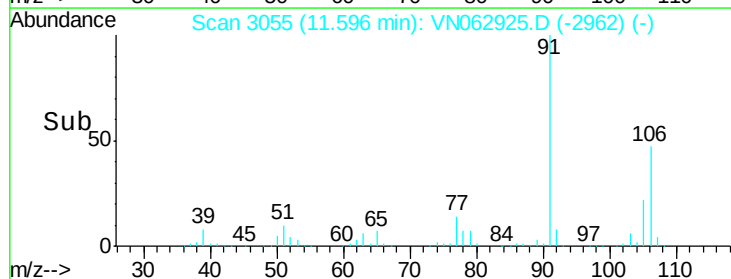
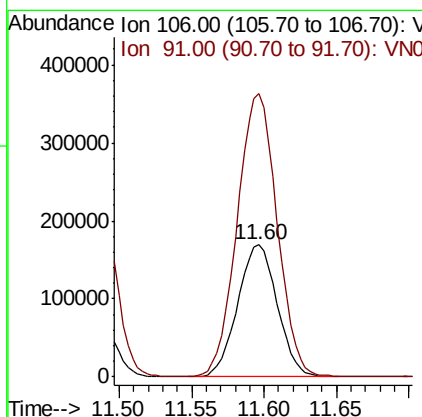
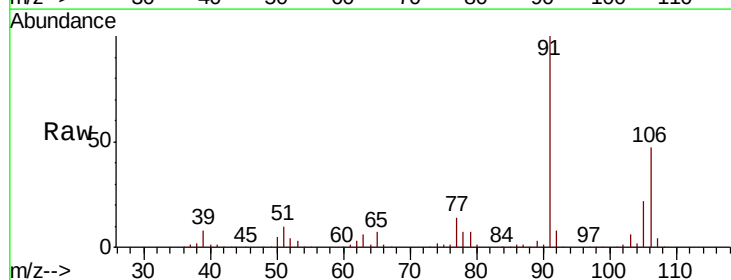
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

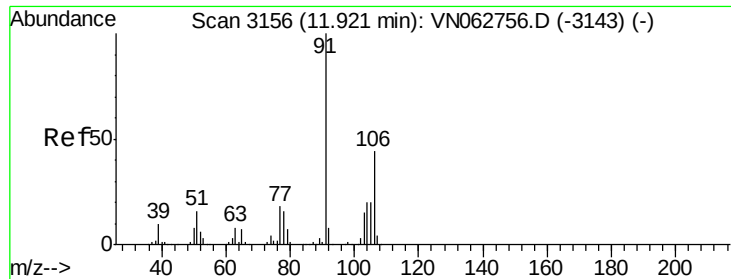
Tot Ion: 91 Resp: 432047
Ion Ratio Lower Upper
91 100
106 29.9 23.2 34.8



#68
m/p-Xylenes
Concen: 89.441 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 106 Resp: 321721
Ion Ratio Lower Upper
106 100
91 215.7 175.9 263.9

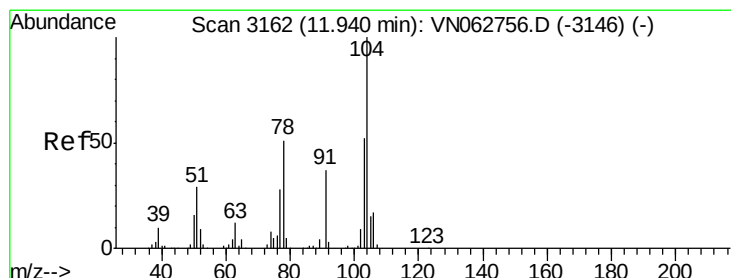
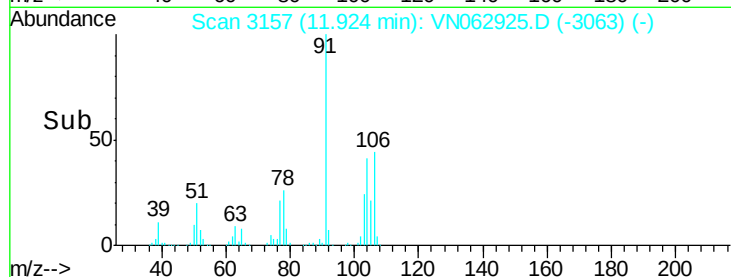
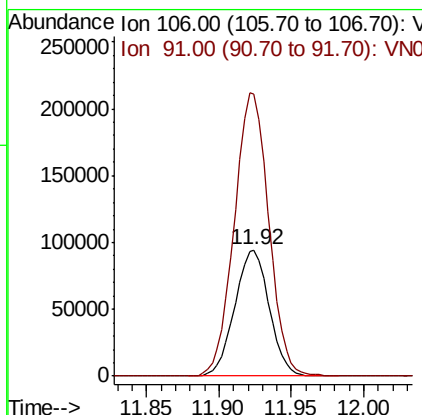
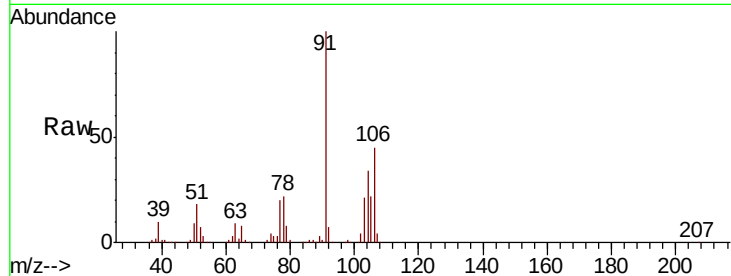




#69
o-Xylene
Concen: 46.499 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

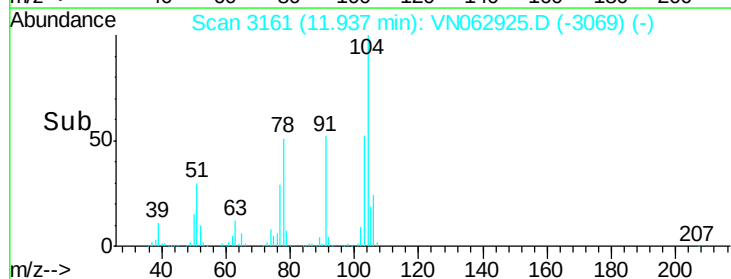
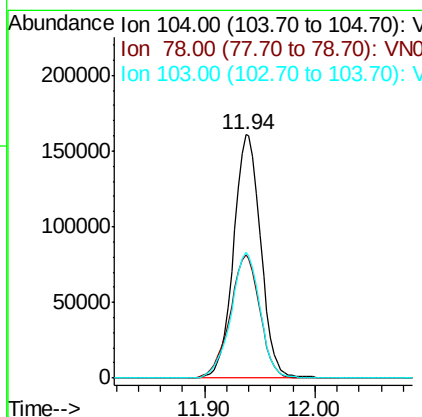
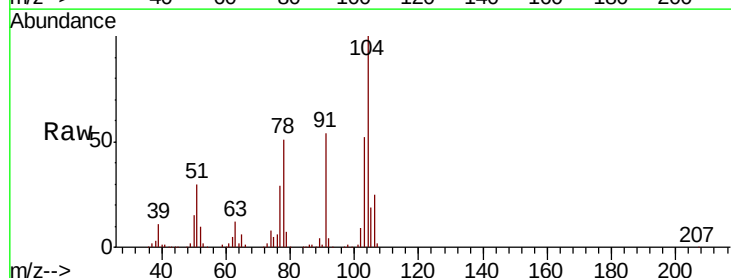
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

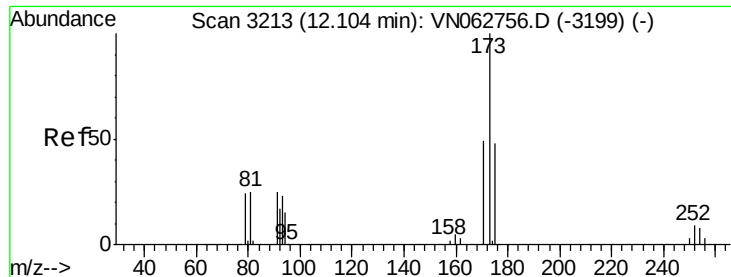
Tot Ion:106 Resp: 156742
Ion Ratio Lower Upper
106 100
91 223.8 115.8 347.4



#70
Styrene
Concen: 46.379 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion:104 Resp: 274806
Ion Ratio Lower Upper
104 100
78 55.4 45.9 68.9
103 54.9 45.1 67.7





#71

Bromoform

Concen: 42.634 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

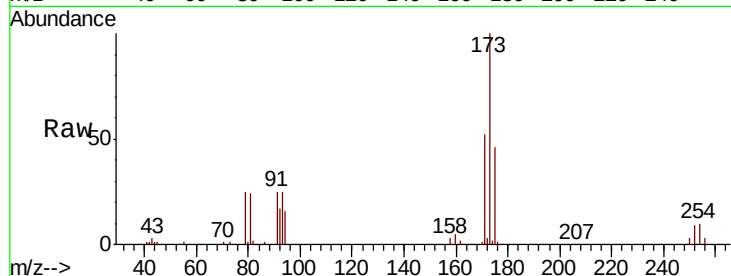
Tot Ion:173 Resp: 77568

Ion Ratio Lower Upper

173 100

175 48.5 24.0 72.0

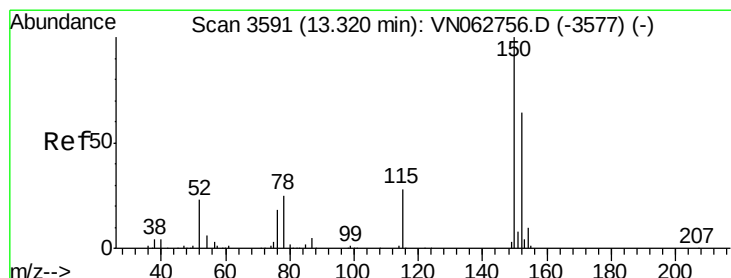
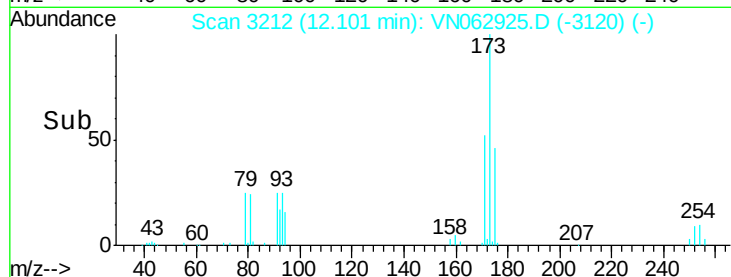
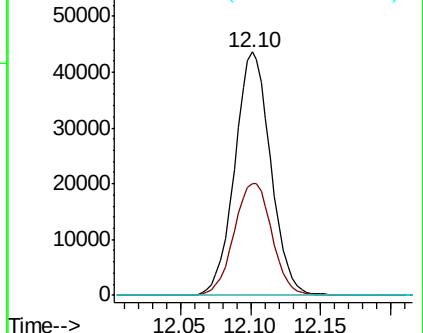
254 0.0 0.0 0.0



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# 3591

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

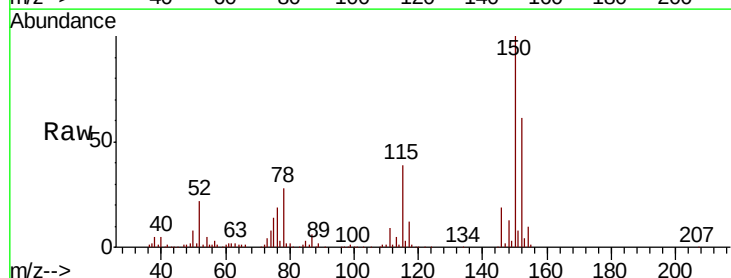
Tgt Ion:152 Resp: 129692

Ion Ratio Lower Upper

152 100

115 63.5 31.6 94.8

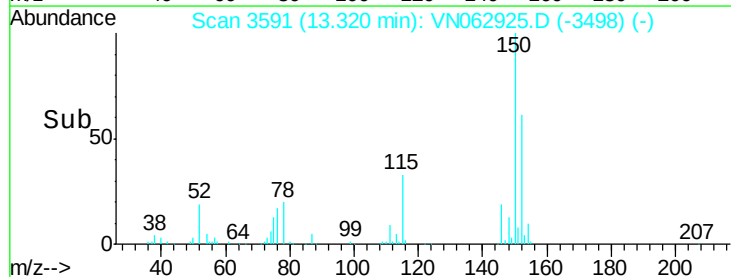
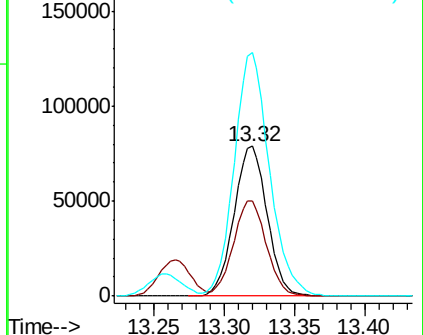
150 172.1 0.0 349.2

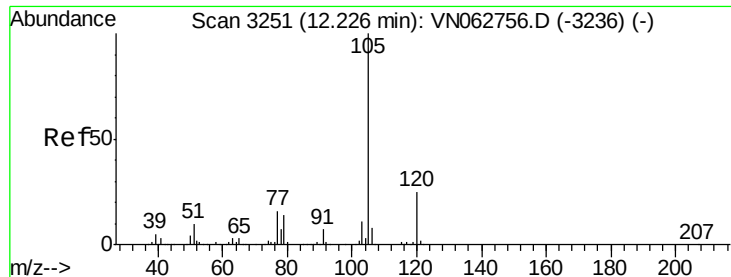


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.045 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

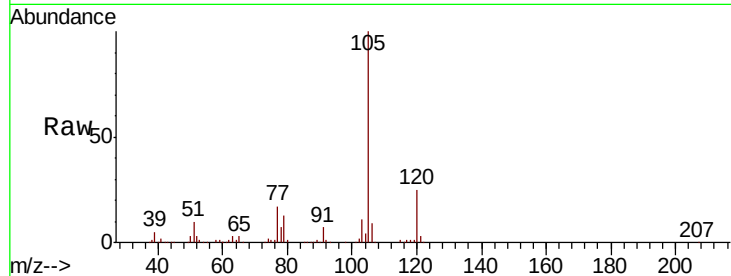
VSTDCCC050EC

Tot Ion:105 Resp: 430133

Ion Ratio Lower Upper

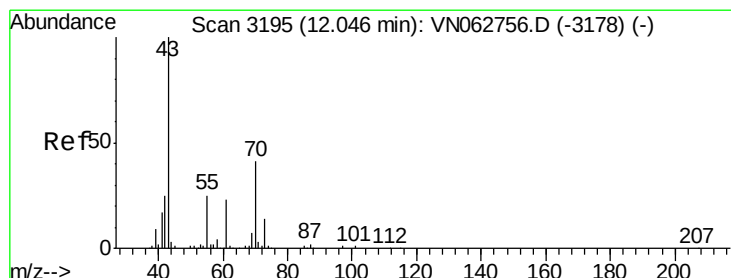
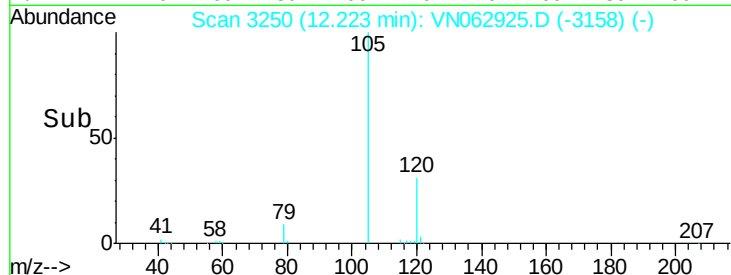
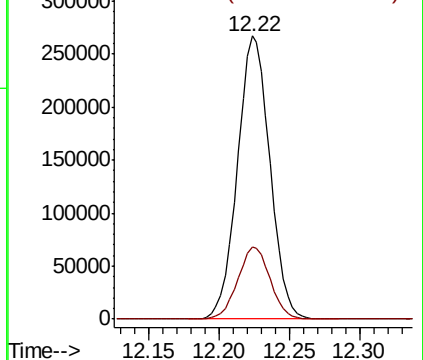
105 100

120 25.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.185 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Tgt Ion: 43 Resp: 178822

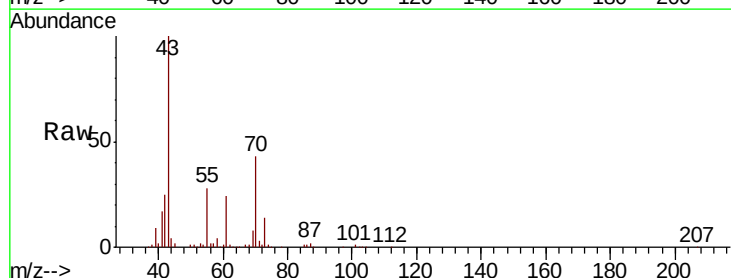
Ion Ratio Lower Upper

43 100

70 42.1 32.3 48.5

55 26.7 20.2 30.2

61 23.6 18.2 27.4

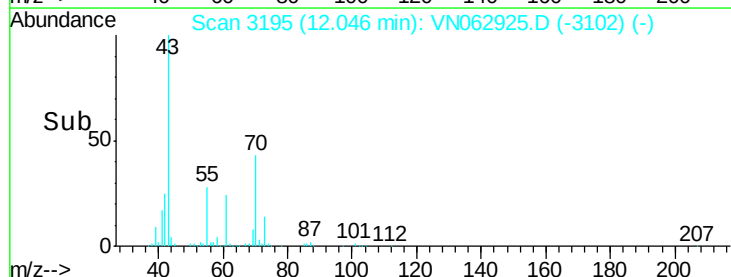
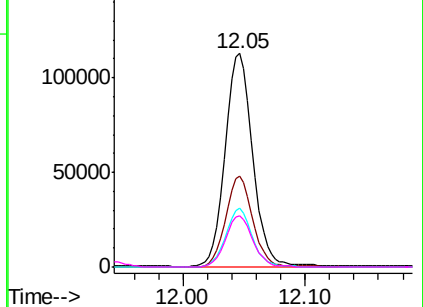


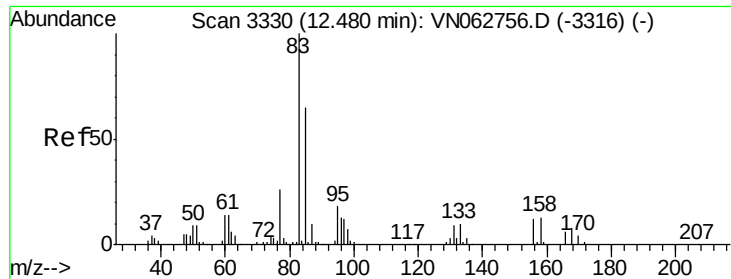
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 42.352 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

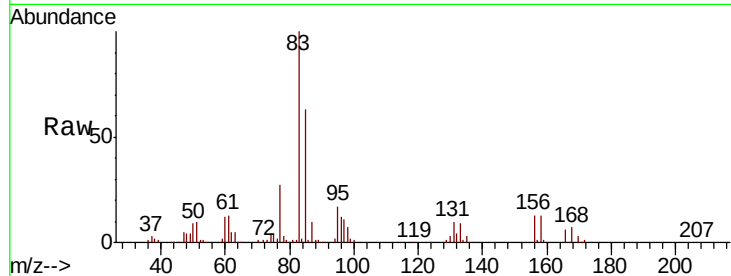
Tot Ion: 83 Resp: 145598

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

85 63.8 31.9 95.9



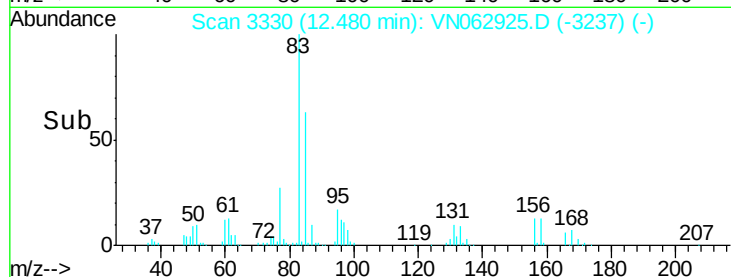
Abundance Ion 82.90 (82.60 to 83.60): VN062925.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062925.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062925.D (-3237) (-)

12.48

Time-->



Abundance

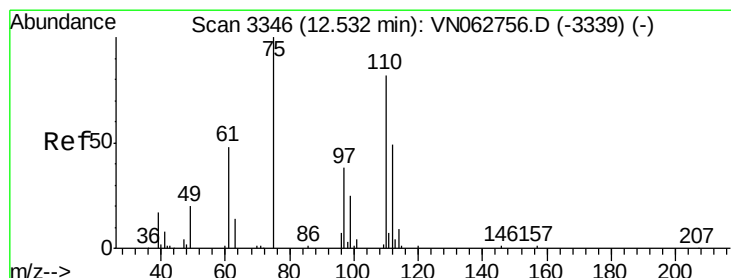
Ion 82.90 (82.60 to 83.60): VN062925.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062925.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062925.D (-3237) (-)

12.48

Time-->



#76

1,2,3-Trichloropropane

Concen: 54.633 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062925.D

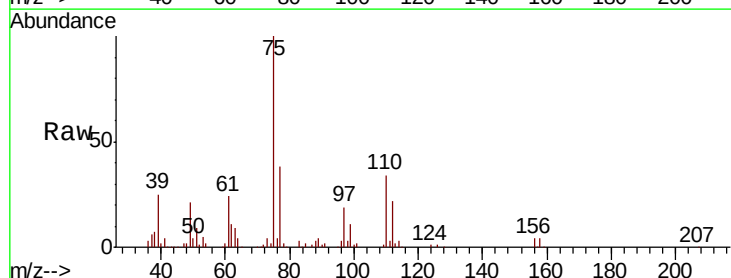
Acq: 13 Aug 2020 21:20

Tgt Ion: 75 Resp: 191086

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

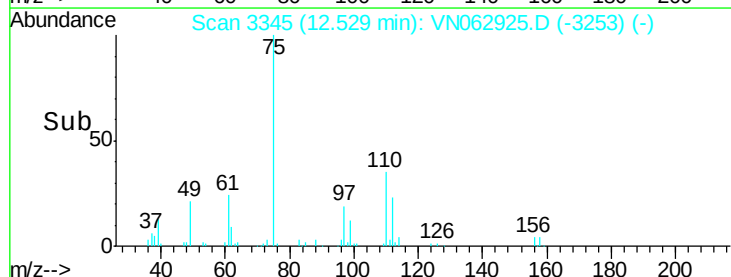


Abundance Ion 74.90 (74.60 to 75.60): VN062925.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062925.D (-3253) (-)

12.53

Time-->



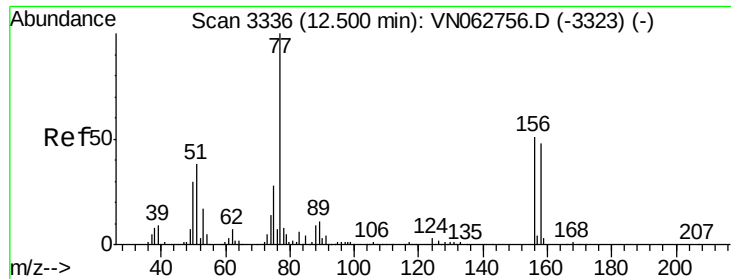
Abundance

Ion 74.90 (74.60 to 75.60): VN062925.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062925.D (-3253) (-)

12.53

Time-->



#77

Bromobenzene

Concen: 42.736 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

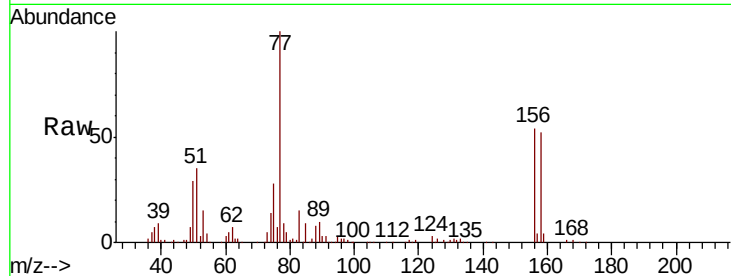
Tot Ion:156 Resp: 103698

Ion Ratio Lower Upper

156 100

77 227.6 119.7 359.1

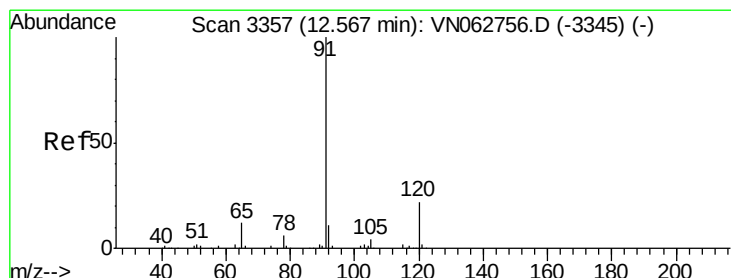
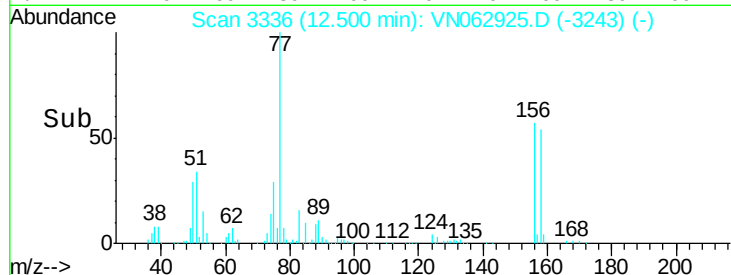
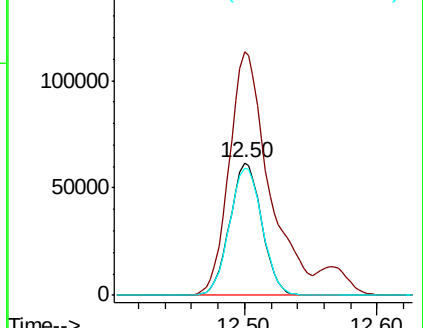
158 98.5 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.518 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062925.D

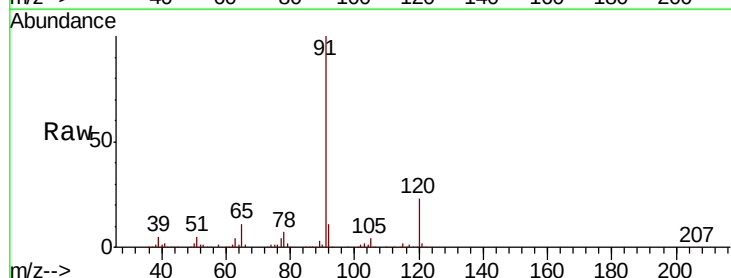
Acq: 13 Aug 2020 21:20

Tgt Ion: 91 Resp: 498868

Ion Ratio Lower Upper

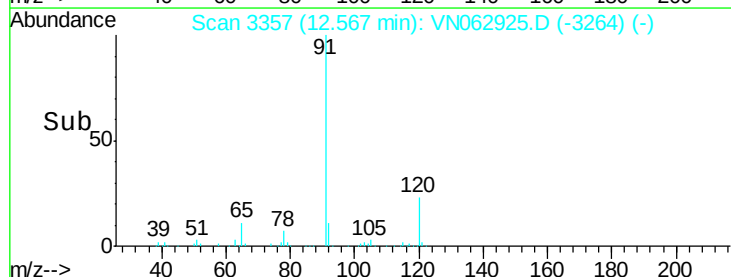
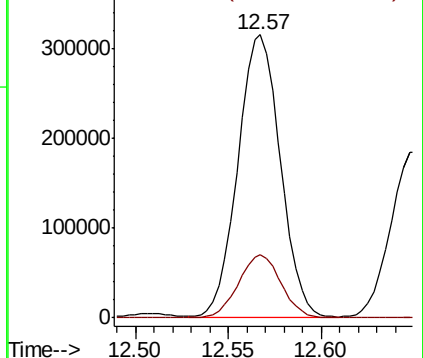
91 100

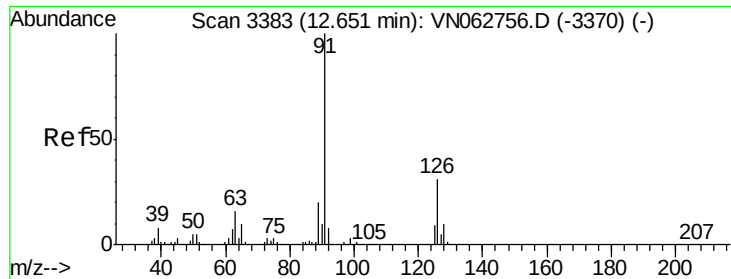
120 22.6 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

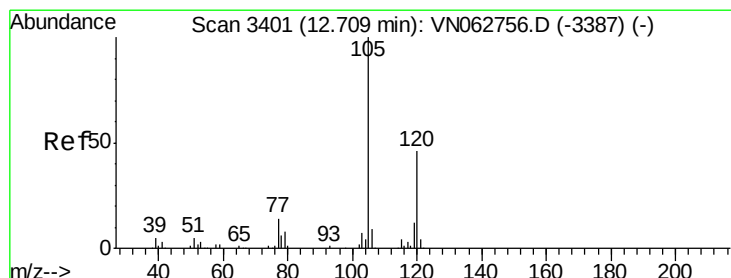
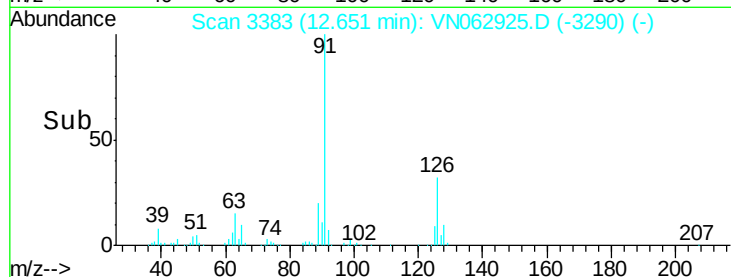
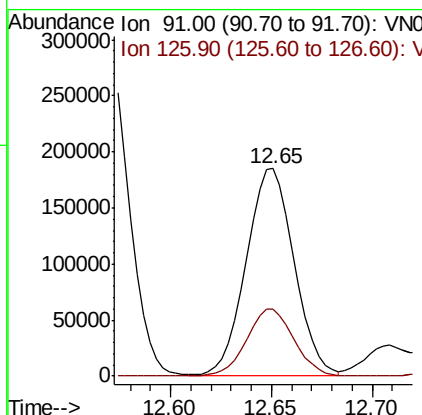
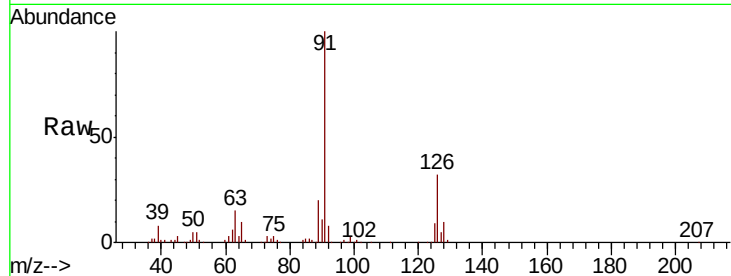




#79
 2-Chlorotoluene
 Concen: 42.430 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

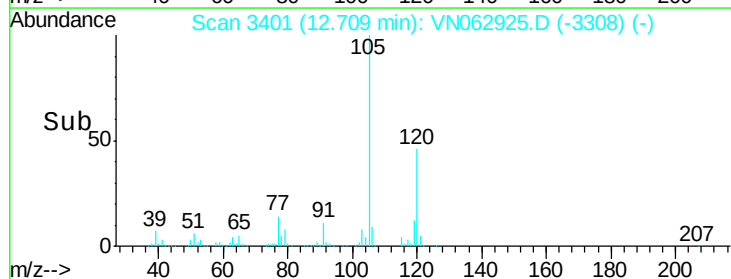
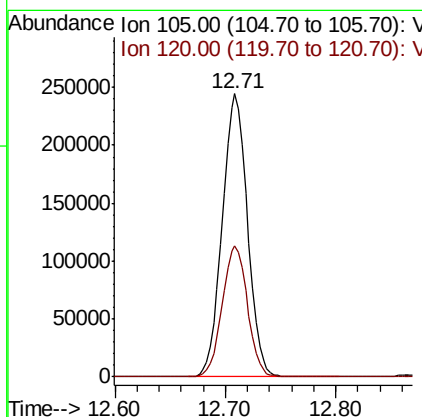
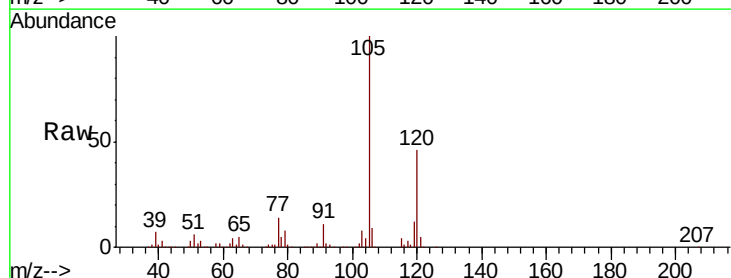
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

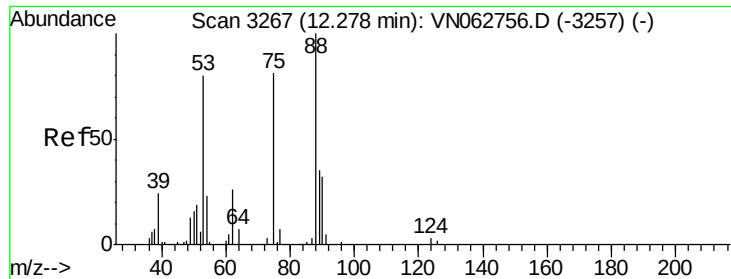
Tot Ion: 91 Resp: 305014
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 45.616 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion: 105 Resp: 386471
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.5

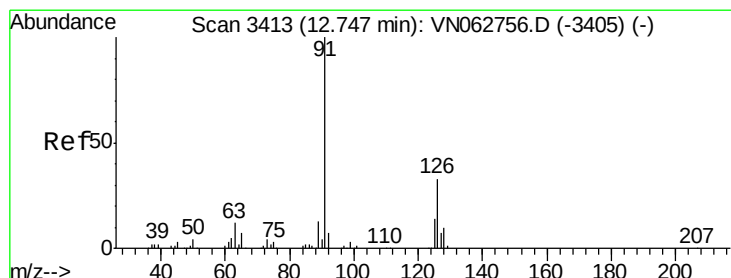
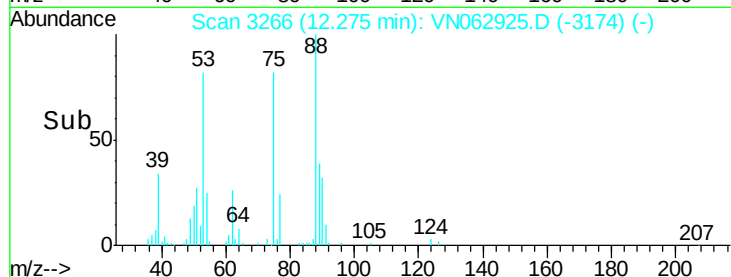
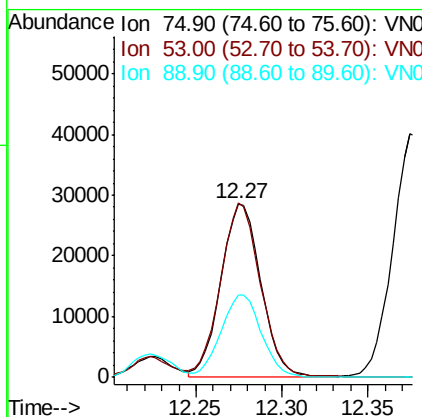
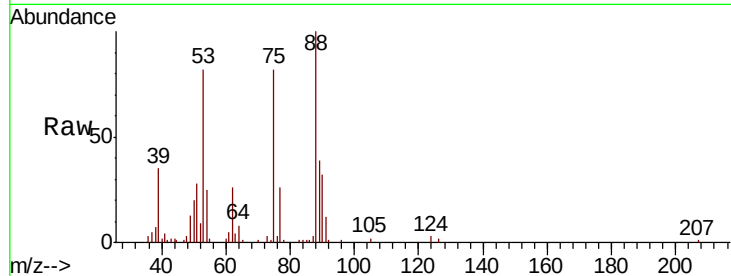




#81
trans-1,4-Dichloro-2-butene
Concen: 40.768 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

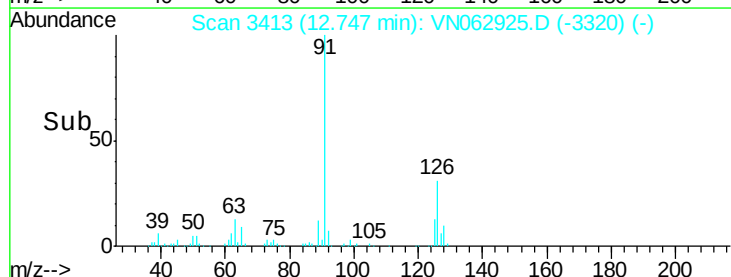
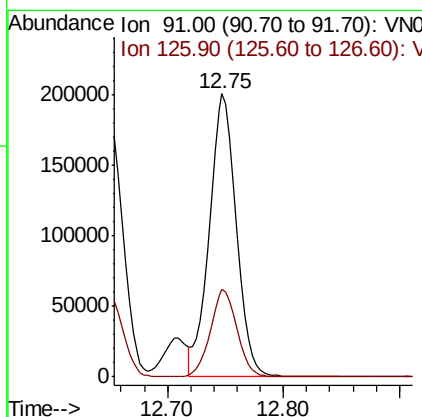
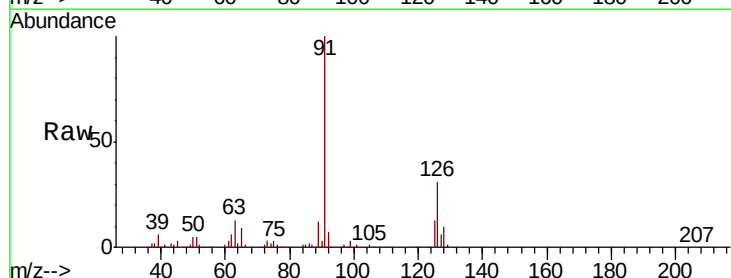
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

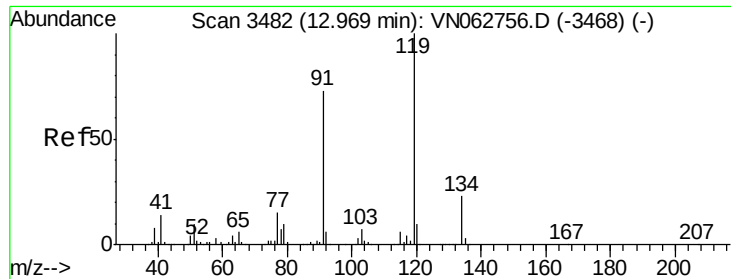
Tot Ion: 75 Resp: 46710
Ion Ratio Lower Upper
75 100
53 99.7 79.1 118.7
89 47.8 36.2 54.2



#82
4-Chlorotoluene
Concen: 44.046 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 91 Resp: 326300
Ion Ratio Lower Upper
91 100
126 30.5 15.3 45.9

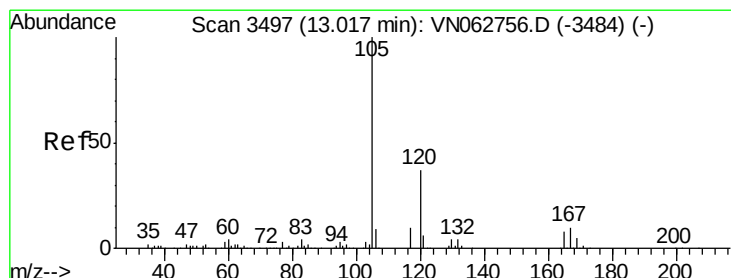
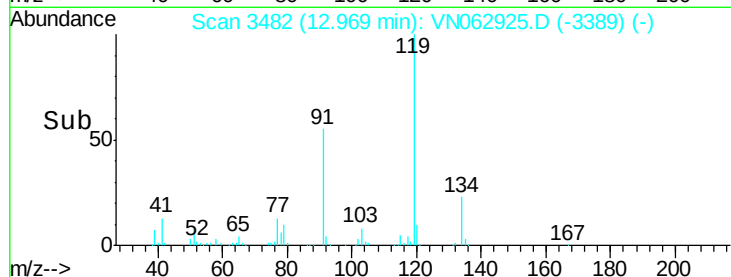
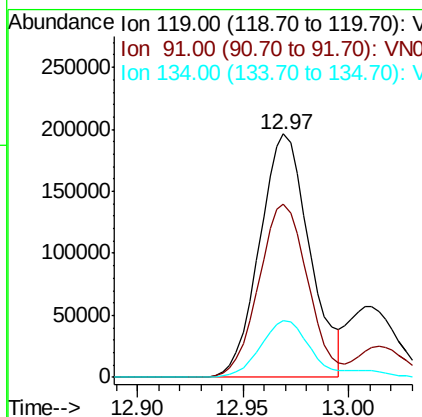
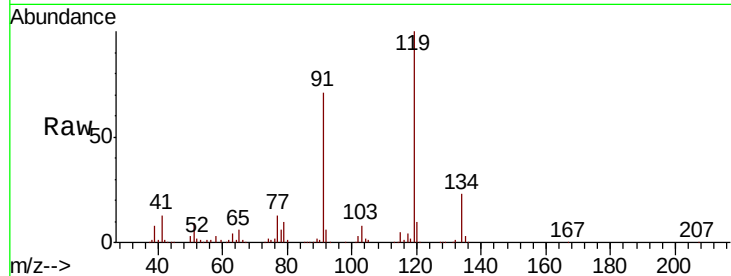




#83
 tert-Butylbenzene
 Concen: 45.194 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

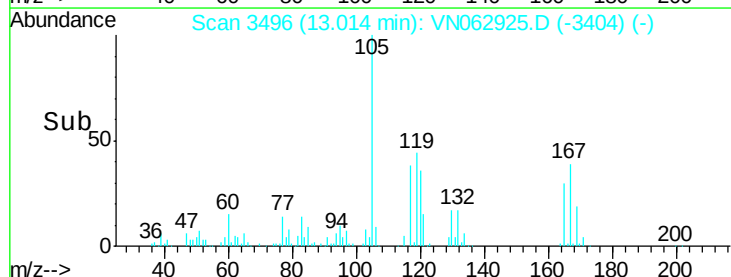
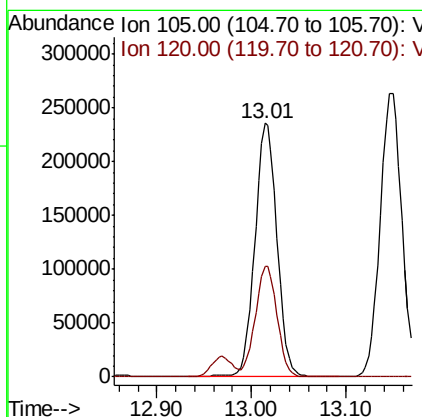
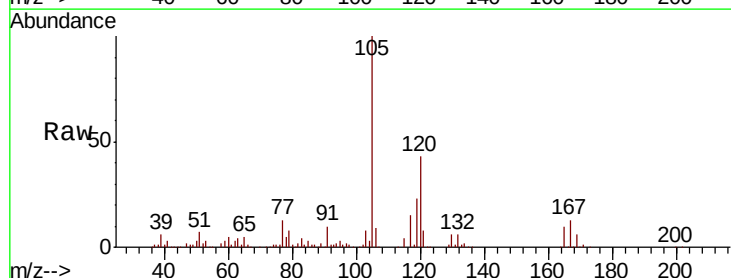
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

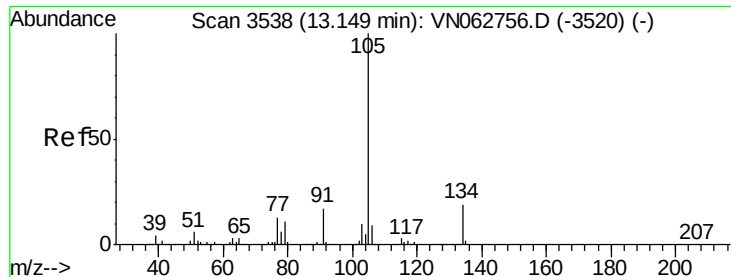
Tot Ion:119 Resp: 323995
 Ion Ratio Lower Upper
 119 100
 91 70.1 36.5 109.5
 134 23.0 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.119 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion:105 Resp: 381909
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.4 64.2





#85

sec-Butylbenzene

Concen: 44.686 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

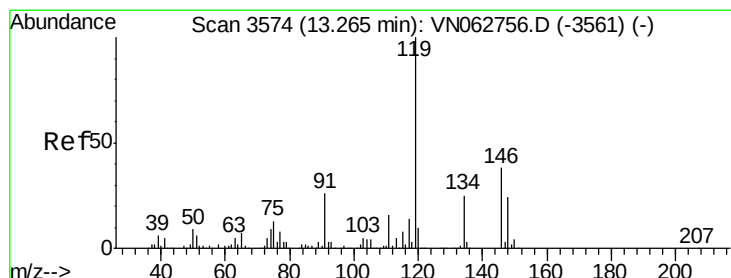
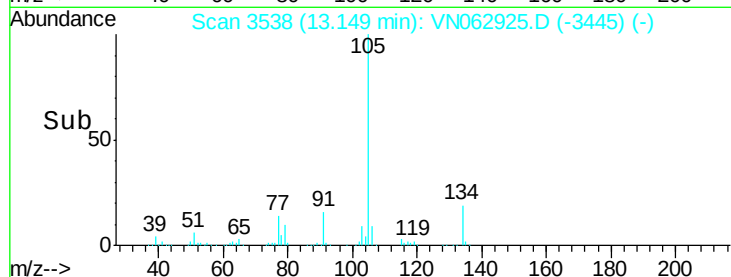
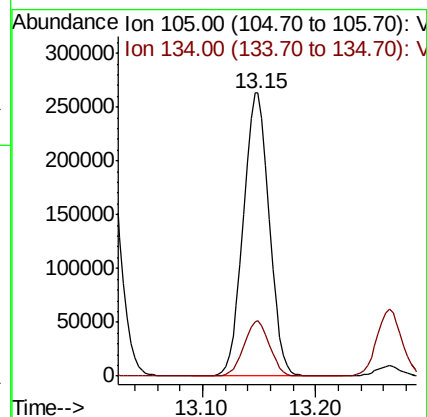
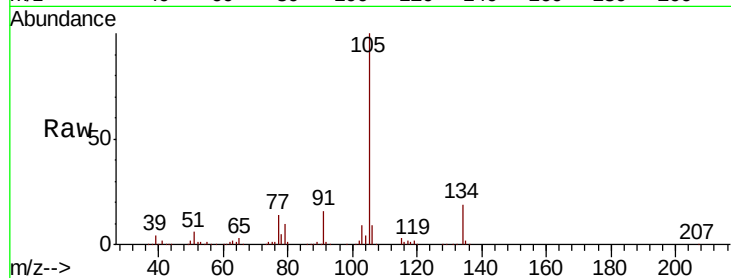
VSTDCCC050EC

Tot Ion:105 Resp: 420684

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.6



#86

p-Isopropyltoluene

Concen: 45.202 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

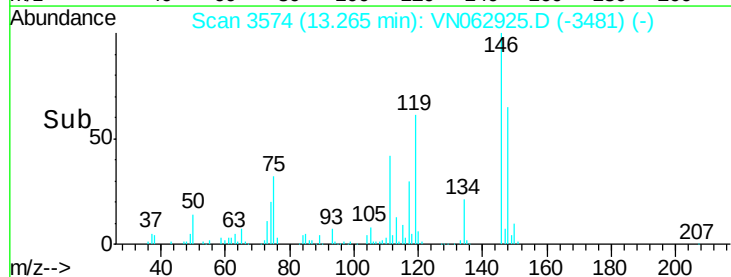
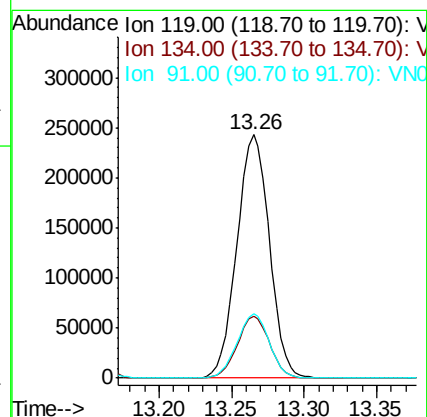
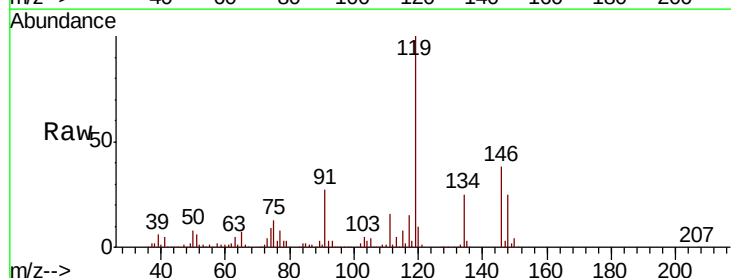
Tgt Ion:119 Resp: 377728

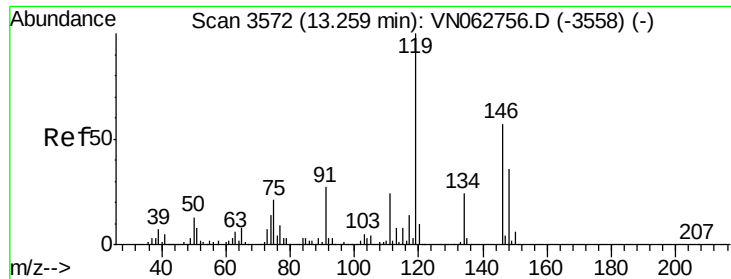
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 26.0 13.4 40.2

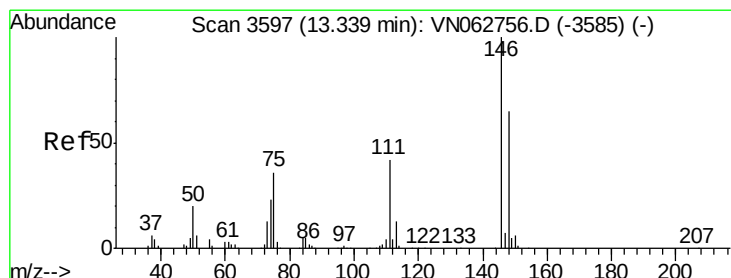
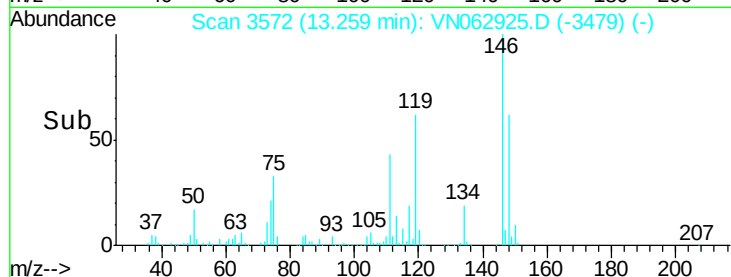
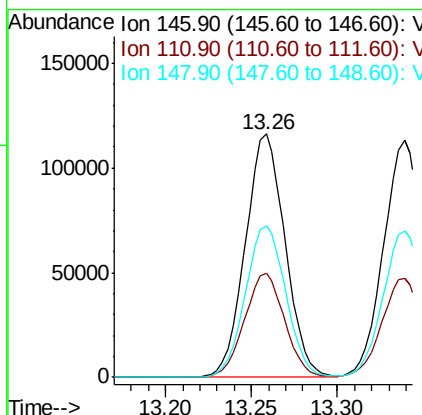
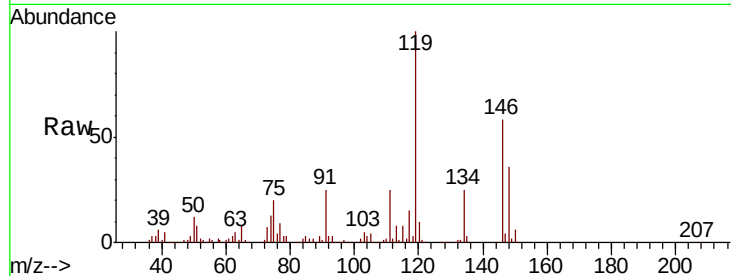




#87
 1,3-Dichlorobenzene
 Concen: 43.206 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

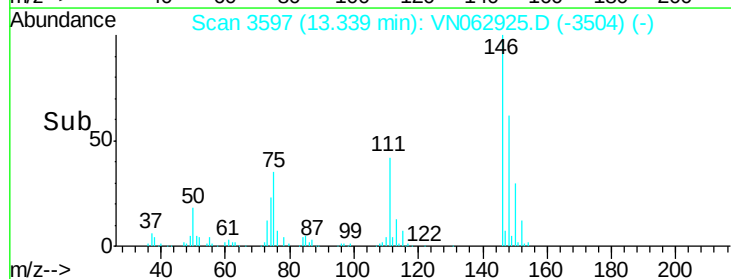
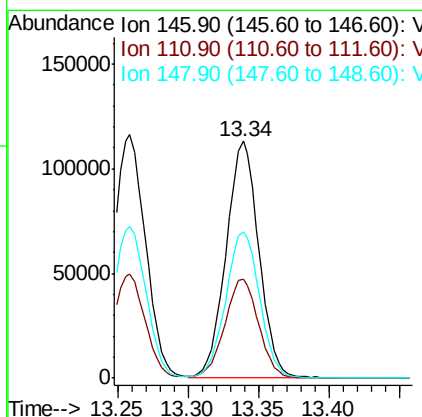
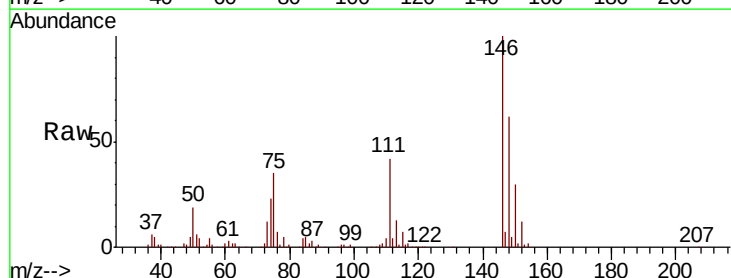
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

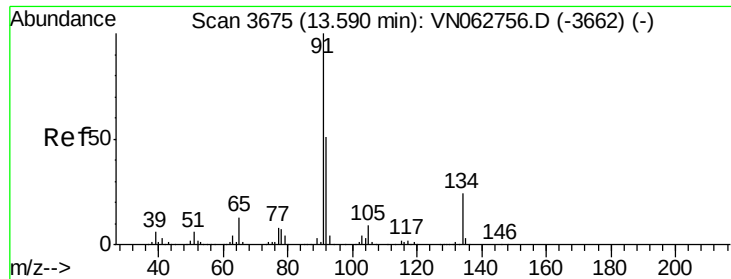
Tot Ion:146 Resp: 187288
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.7 65.1
 148 63.2 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 42.205 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion:146 Resp: 183496
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 64.6
 148 64.3 32.6 97.8

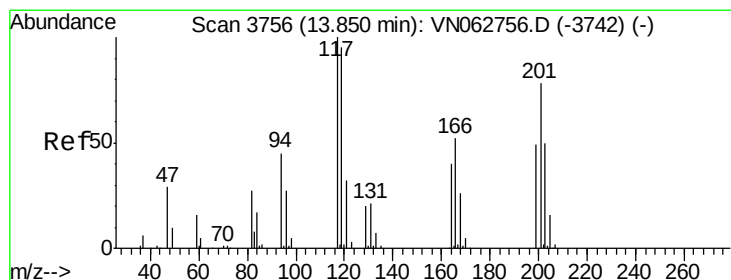
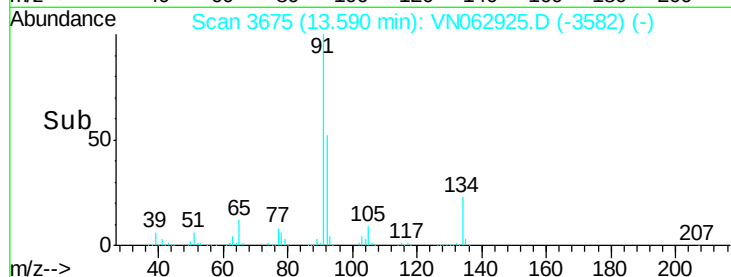
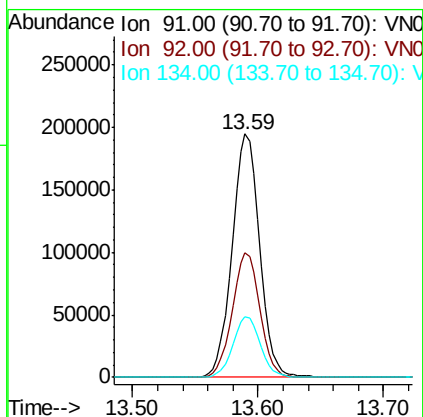
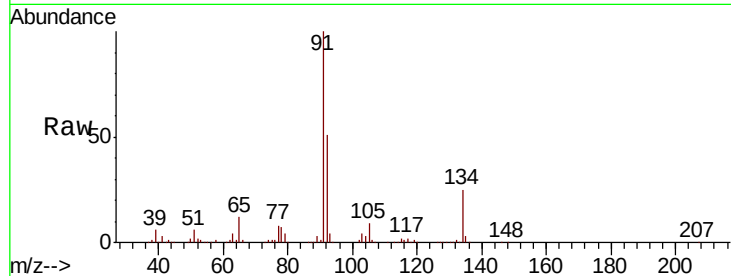




#89
n-Butylbenzene
Concen: 41.902 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

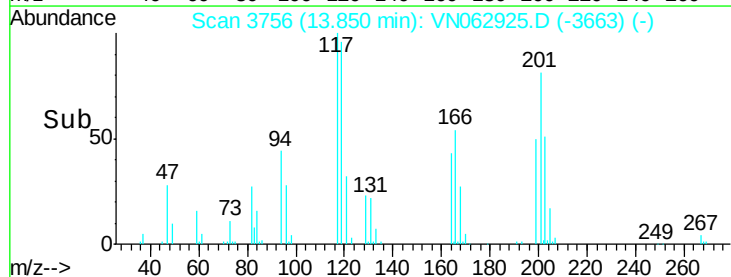
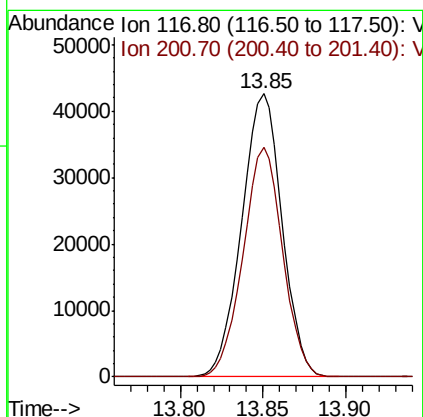
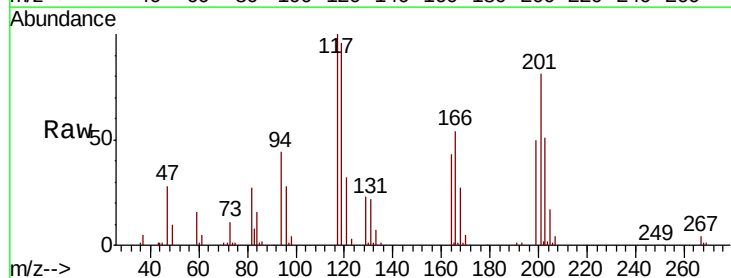
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

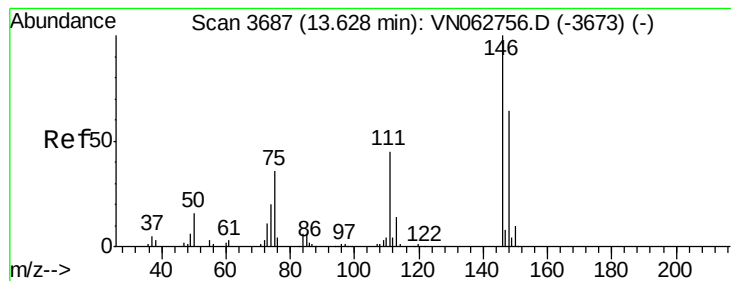
Tot Ion: 91 Resp: 296142
Ion Ratio Lower Upper
91 100
92 51.5 25.7 77.0
134 24.8 12.2 36.6



#90
Hexachloroethane
Concen: 40.089 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062925.D
Acq: 13 Aug 2020 21:20

Tgt Ion: 117 Resp: 72210
Ion Ratio Lower Upper
117 100
201 79.4 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 44.100 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

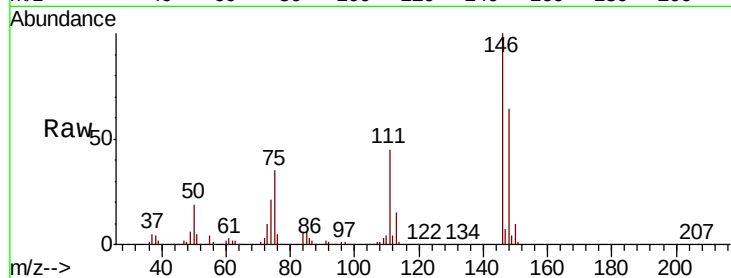
Tot Ion:146 Resp: 179221

Ion Ratio Lower Upper

146 100

111 45.2 22.8 68.4

148 64.4 31.9 95.5

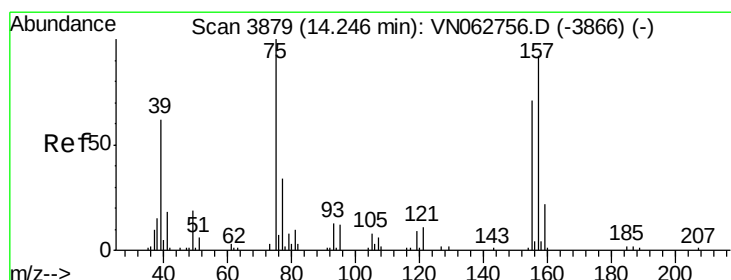
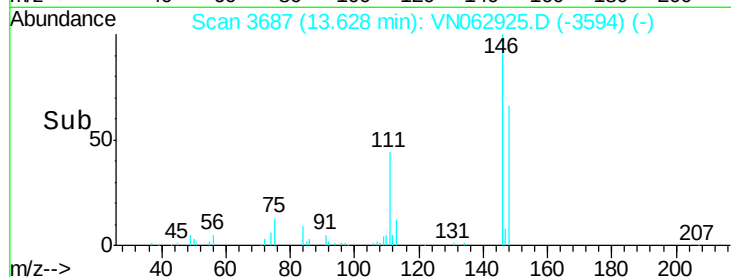
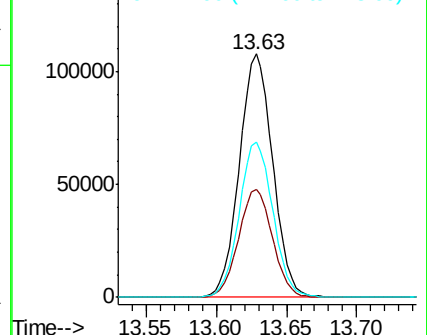


Abundance

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: 41.458 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

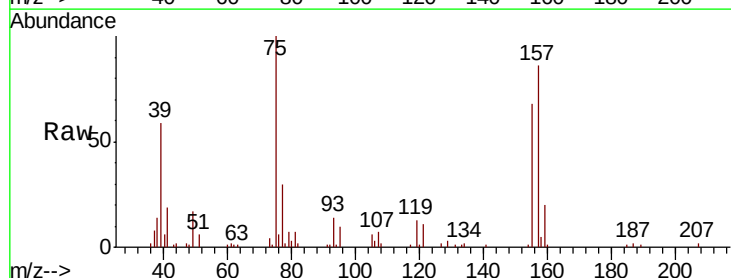
Tgt Ion: 75 Resp: 30598

Ion Ratio Lower Upper

75 100

155 66.3 35.0 105.1

157 87.4 43.2 129.6

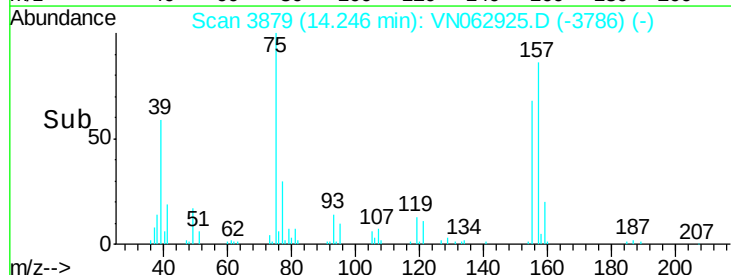
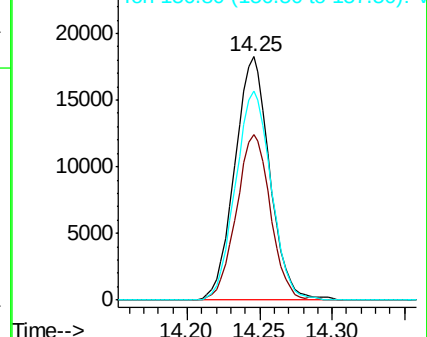


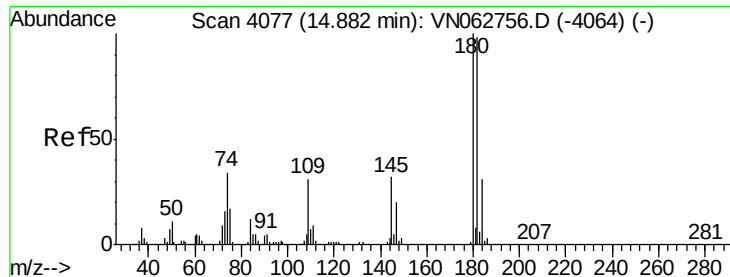
Abundance

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

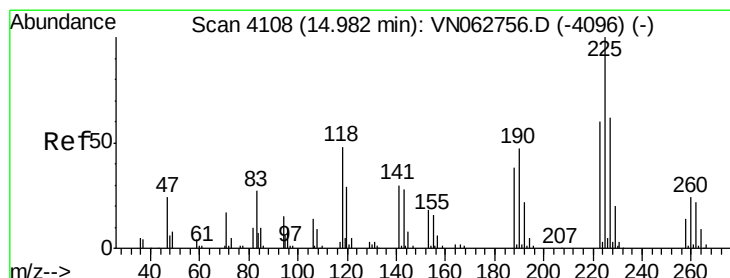
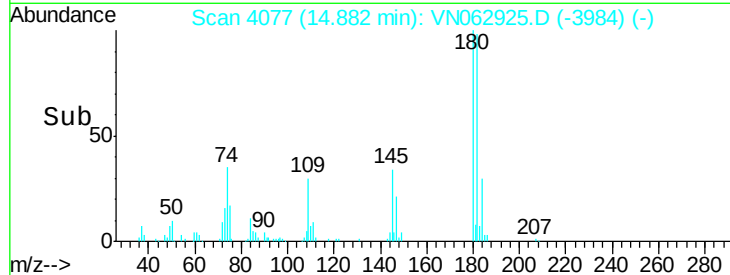
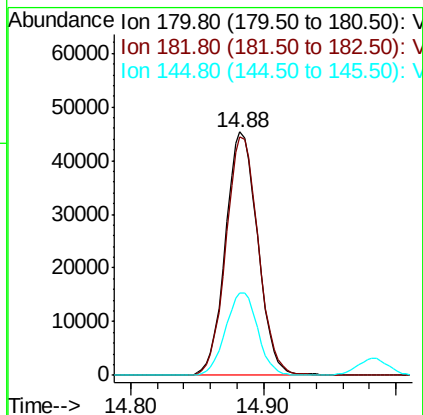
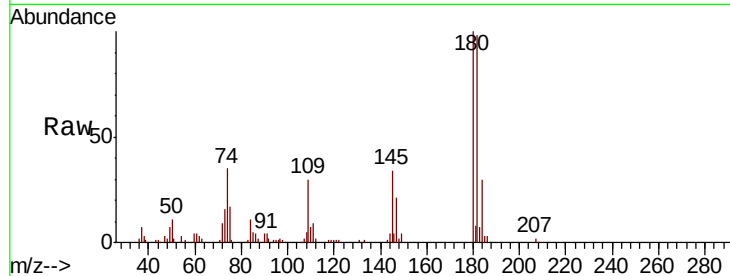




#93
 1,2,4-Trichlorobenzene
 Concen: 36.123 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

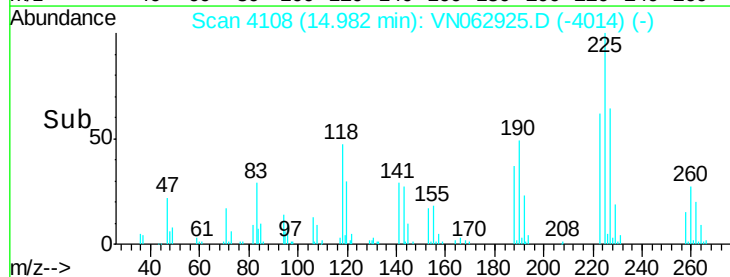
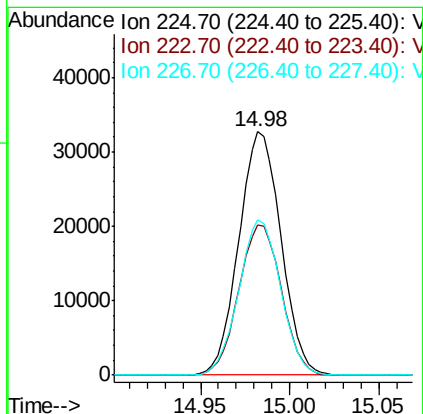
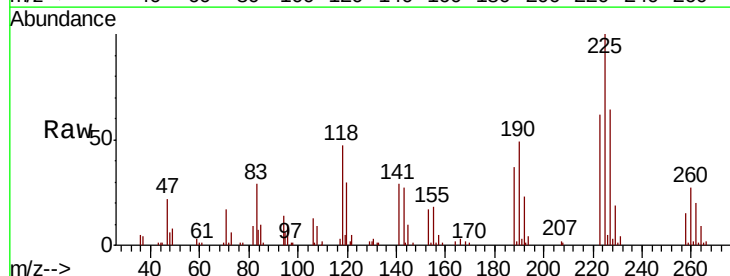
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

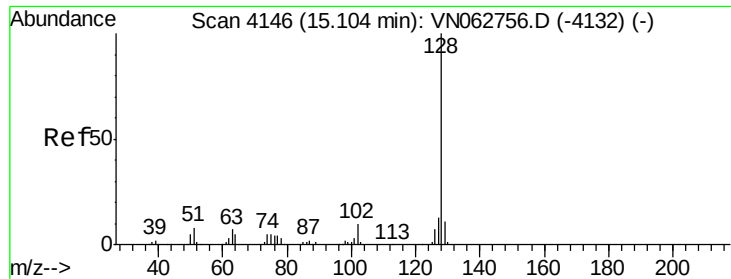
Tot Ion:180 Resp: 76687
 Ion Ratio Lower Upper
 180 100
 182 97.9 49.1 147.4
 145 33.7 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 41.897 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062925.D
 Acq: 13 Aug 2020 21:20

Tgt Ion:225 Resp: 53913
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.6 92.0
 227 63.2 31.6 95.0





#95

Naphthalene

Concen: 35.629 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

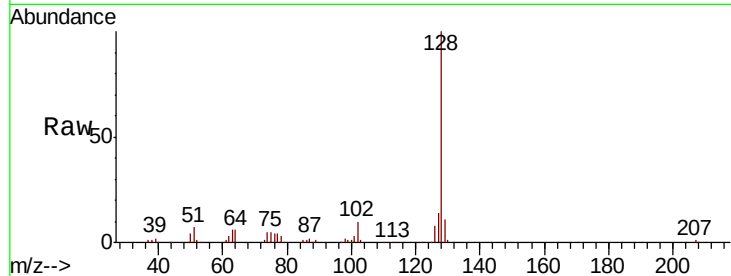
Tot Ion:128 Resp: 205560

Ion Ratio Lower Upper

128 100

127 13.9 10.8 16.2

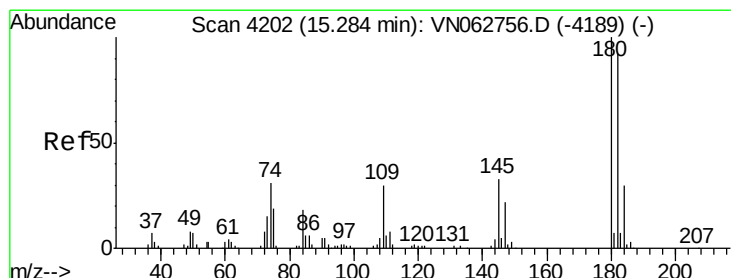
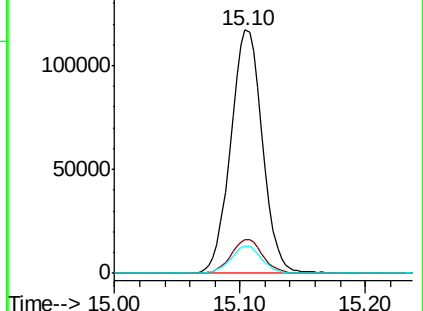
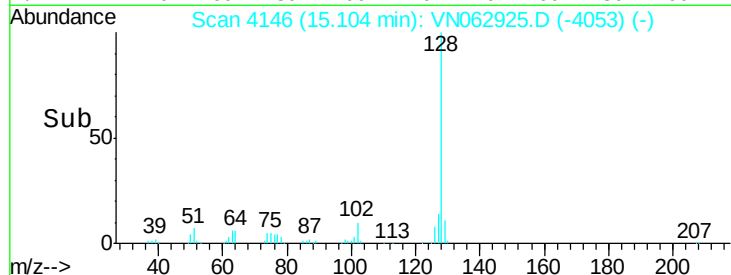
129 11.0 8.8 13.2



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: 37.229 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062925.D

Acq: 13 Aug 2020 21:20

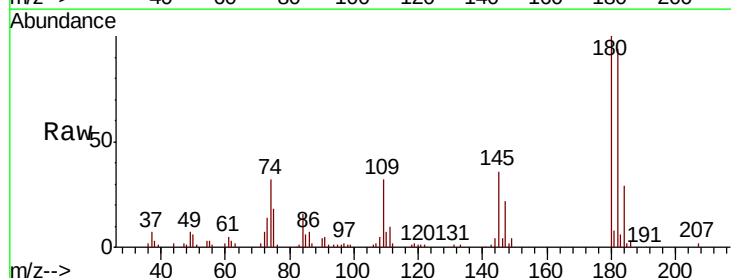
Tgt Ion:180 Resp: 78494

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.6

145 36.1 17.3 51.7



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

