

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
 Data File : VN062402.D
 Acq On : 8 Jul 2020 11:51
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 08 12:10:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 11:45:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	348965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166447	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	302375	79.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.74%	
35) Dibromofluoromethane	7.55	113	211267	83.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	167.06%	
50) Toluene-d8	10.06	98	845689	89.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.16%	
62) 4-Bromofluorobenzene	12.38	95	317746	87.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.82%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	203476	84.025 ug/l	97
3) Chloromethane	2.03	50	319046	87.541 ug/l	100
4) Vinyl Chloride	2.16	62	267627	86.339 ug/l	97
5) Bromomethane	2.51	94	138972	86.734 ug/l	99
6) Chloroethane	2.66	64	157741	87.288 ug/l	97
7) Trichlorofluoromethane	2.98	101	332612	79.222 ug/l	100
8) Diethyl Ether	3.37	74	156586	93.603 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	202333	84.655 ug/l	99
10) Methyl Iodide	3.91	142	287019	98.951 ug/l	100
11) Tert butyl alcohol	4.74	59	250213	464.341 ug/l	99
12) 1,1-Dichloroethene	3.69	96	206104	91.992 ug/l	97
13) Acrolein	3.56	56	192412	695.040 ug/l	100
14) Allyl chloride	4.27	41	498453	92.204 ug/l	100
15) Acrylonitrile	4.93	53	715757	499.583 ug/l	100
16) Acetone	3.77	43	614039	351.342 ug/l	98
17) Carbon Disulfide	4.00	76	640076	90.168 ug/l	99
18) Methyl Acetate	4.28	43	321537	81.997 ug/l	100
19) Methyl tert-butyl Ether	4.99	73	792183	93.168 ug/l	100
20) Methylene Chloride	4.50	84	259181	80.720 ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	224344	90.557 ug/l	98
22) Diisopropyl ether	5.90	45	976397	90.579 ug/l	97
23) Vinyl Acetate	5.84	43	4156183	496.432 ug/l	100
24) 1,1-Dichloroethane	5.80	63	495520	91.927 ug/l	100
25) 2-Butanone	6.79	43	998725	445.965 ug/l	99
26) 2,2-Dichloropropane	6.77	77	383706	87.589 ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	264306	93.435 ug/l	100
28) Bromochloromethane	7.15	49	265323	89.583 ug/l	99
29) Tetrahydrofuran	7.17	42	665567	465.563 ug/l	99
30) Chloroform	7.33	83	453249	87.069 ug/l	100
31) Cyclohexane	7.61	56	446146	89.303 ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	379432	87.086 ug/l	100
36) 1,1-Dichloropropene	7.75	75	352817	88.201 ug/l	99
37) Ethyl Acetate	6.88	43	414493	89.031 ug/l	99
38) Carbon Tetrachloride	7.73	117	320573	81.205 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	393313	91.345	ug/l	98
40) Benzene	8.00	78	1049235	92.207	ug/l	100
41) Methacrylonitrile	7.13	41	190866	82.311	ug/l	97
42) 1,2-Dichloroethane	8.09	62	390845	79.972	ug/l	99
43) Isopropyl Acetate	8.13	43	683683	87.915	ug/l	99
44) Trichloroethene	8.80	130	234500	86.830	ug/l	99
45) 1,2-Dichloropropane	9.09	63	304427	91.226	ug/l	99
46) Dibromomethane	9.18	93	171662	84.280	ug/l	99
47) Bromodichloromethane	9.37	83	375098	86.331	ug/l	99
48) Methyl methacrylate	9.17	41	336450	85.123	ug/l	100
49) 1,4-Dioxane	9.17	88	97179	1789.397	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	2059036	490.954	ug/l	99
52) Toluene	10.12	92	620816	92.053	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	442181	94.522	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	474954	94.329	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	241088	88.685	ug/l	96
56) Ethyl methacrylate	10.40	69	440844	100.464	ug/l	99
57) 1,3-Dichloropropane	10.68	76	454099	90.283	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	795711	512.379	ug/l	99
59) 2-Hexanone	10.72	43	1529341	485.638	ug/l	99
60) Dibromochloromethane	10.87	129	270977	88.480	ug/l	99
61) 1,2-Dibromoethane	10.98	107	251318	90.480	ug/l	100
64) Tetrachloroethene	10.60	164	190759	84.777	ug/l	98
65) Chlorobenzene	11.41	112	638935	88.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	237783	88.160	ug/l	98
67) Ethyl Benzene	11.48	91	1236919	97.248	ug/l	99
68) m/p-Xylenes	11.59	106	886273	190.589	ug/l	99
69) o-Xylene	11.92	106	425690	92.804	ug/l	100
70) Styrene	11.94	104	739914	97.604	ug/l	100
71) Bromoform	12.10	173	186011	88.407	ug/l #	98
73) Isopropylbenzene	12.22	105	1149121	92.020	ug/l	100
74) N-amyl acetate	12.05	43	621798	93.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	379042	86.646	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	513304	127.593	ug/l #	100
77) Bromobenzene	12.50	156	264602	89.918	ug/l	98
78) n-propylbenzene	12.57	91	1390726	97.558	ug/l	100
79) 2-Chlorotoluene	12.65	91	828348	91.451	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	978314	93.539	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	143833	99.432	ug/l	97
82) 4-Chlorotoluene	12.75	91	866878	93.745	ug/l	100
83) tert-Butylbenzene	12.97	119	819514	91.926	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	987386	95.381	ug/l	100
85) sec-Butylbenzene	13.15	105	1104757	97.065	ug/l	100
86) p-Isopropyltoluene	13.26	119	979390	95.565	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	475226	90.142	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	477070	87.599	ug/l	99
89) n-Butylbenzene	13.59	91	903057	102.224	ug/l	100
90) Hexachloroethane	13.85	117	191177	88.000	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	452448	89.562	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	75744	89.610	ug/l	99

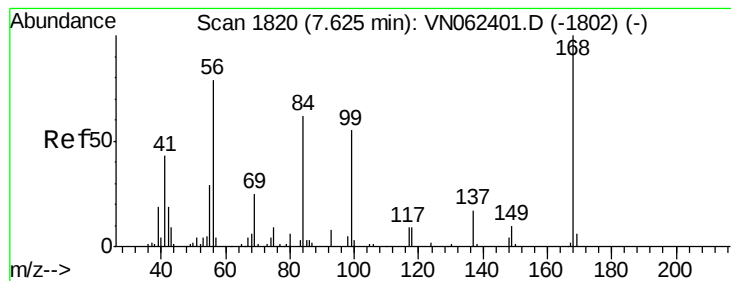
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070820\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	248725	105.176	ug/l	99
94) Hexachlorobutadiene	14.98	225	117832	79.627	ug/l	99
95) Naphthalene	15.10	128	693604	110.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	247095	101.838	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: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

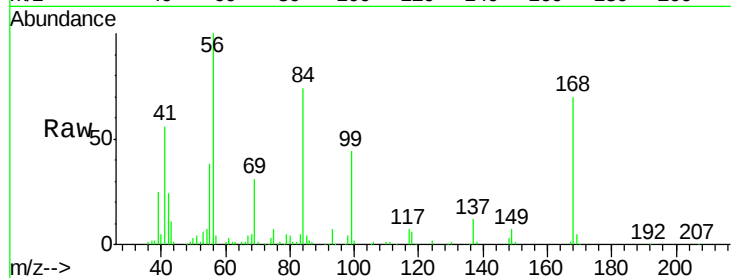
VSTDIC100

Tgt Ion:168 Resp: 215897

Ion Ratio Lower Upper

168 100

99 62.9 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

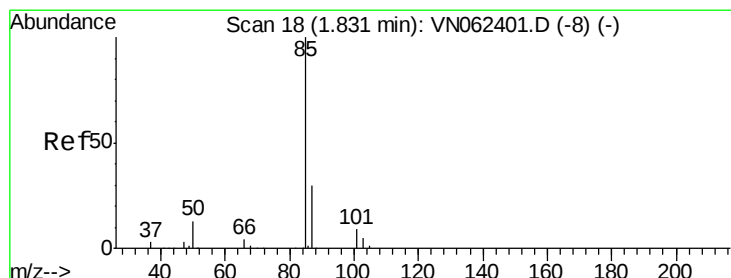
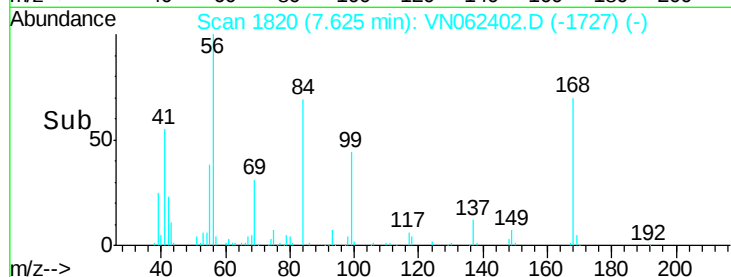
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 84.025 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062402.D

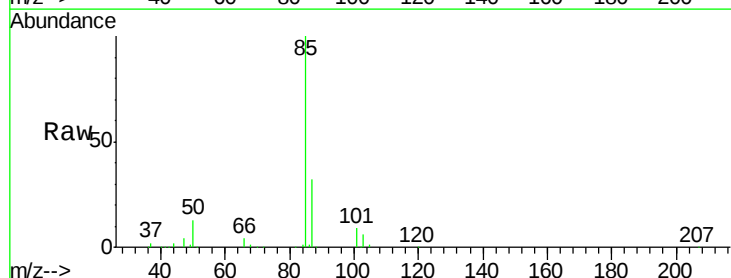
Acq: 8 Jul 2020 11:51

Tgt Ion: 85 Resp: 203476

Ion Ratio Lower Upper

85 100

87 32.0 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

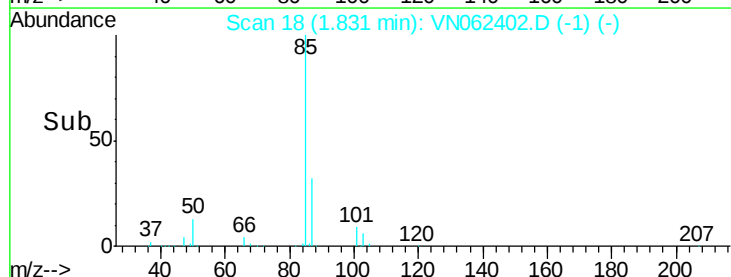
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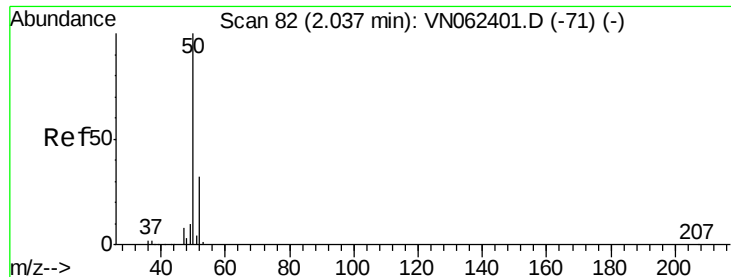
100000

50000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 87.541 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

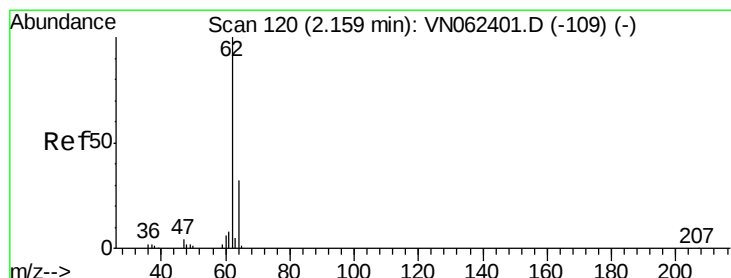
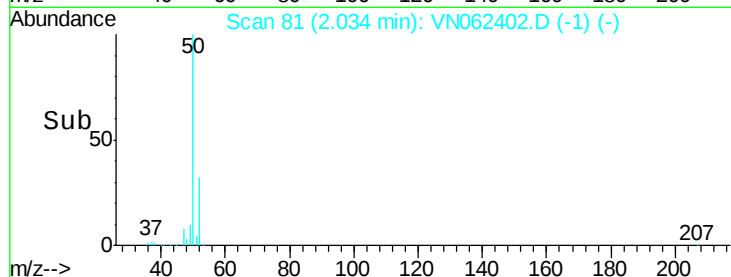
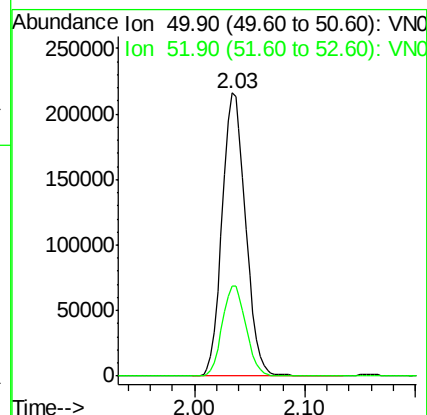
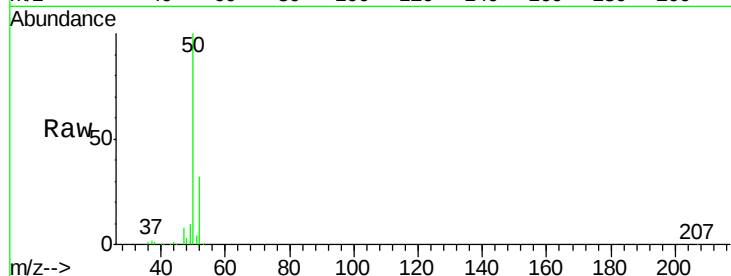
VSTDIC100

Tgt Ion: 50 Resp: 319046

Ion Ratio Lower Upper

50 100

52 31.8 25.5 38.3



#4

Vinyl Chloride

Concen: 86.339 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062402.D

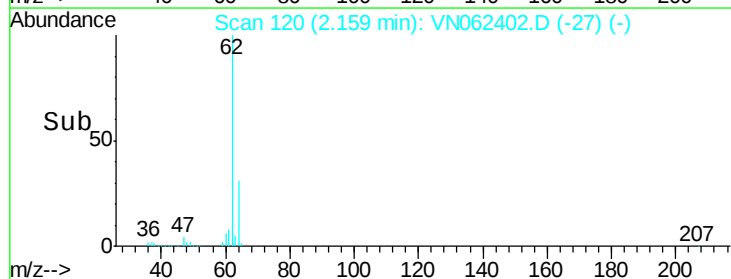
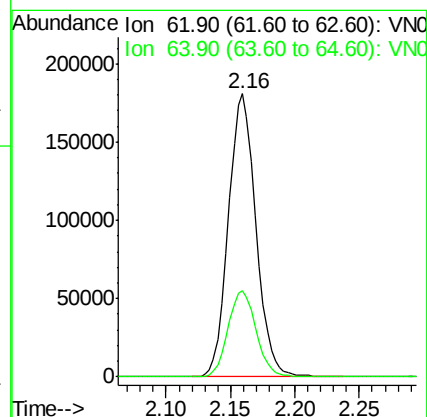
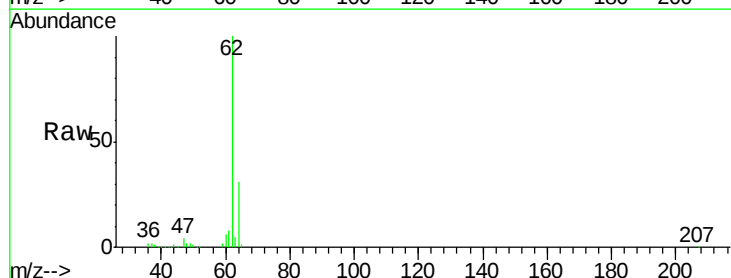
Acq: 8 Jul 2020 11:51

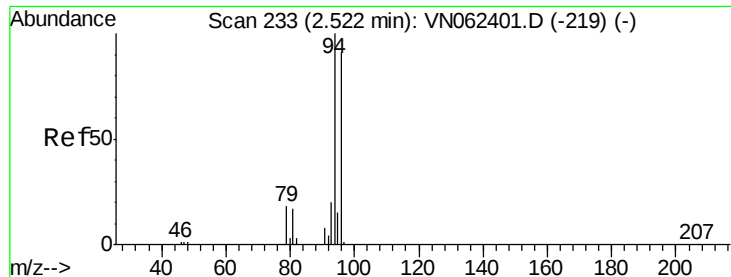
Tgt Ion: 62 Resp: 267627

Ion Ratio Lower Upper

62 100

64 30.6 25.7 38.5





#5

Bromomethane

Concen: 86.734 ug/l

RT: 2.51 min Scan# 228

Delta R.T. -0.02 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

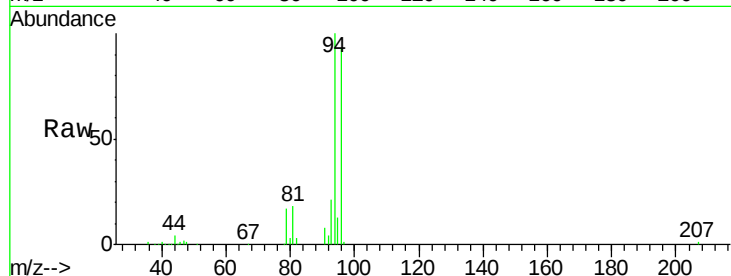
VSTDIC100

Tgt Ion: 94 Resp: 138972

Ion Ratio Lower Upper

94 100

96 92.8 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN062401.D

Ion 95.90 (95.60 to 96.60): VN062401.D

2.51

80000

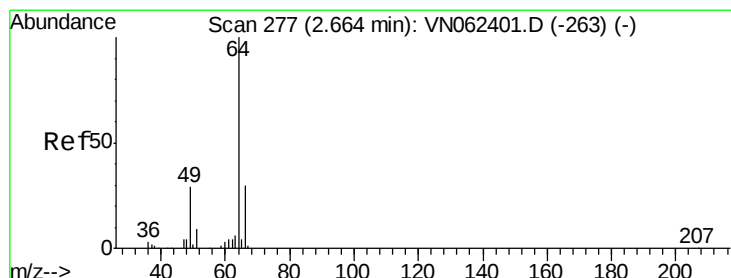
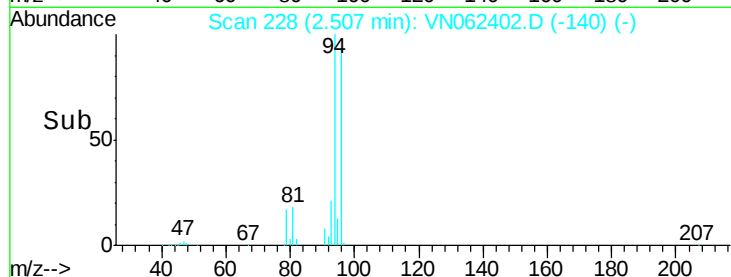
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 87.288 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062402.D

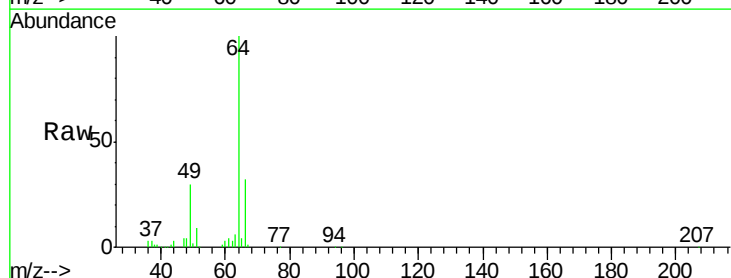
Acq: 8 Jul 2020 11:51

Tgt Ion: 64 Resp: 157741

Ion Ratio Lower Upper

64 100

66 31.7 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN062401.D

Ion 65.90 (65.60 to 66.60): VN062401.D

2.66

80000

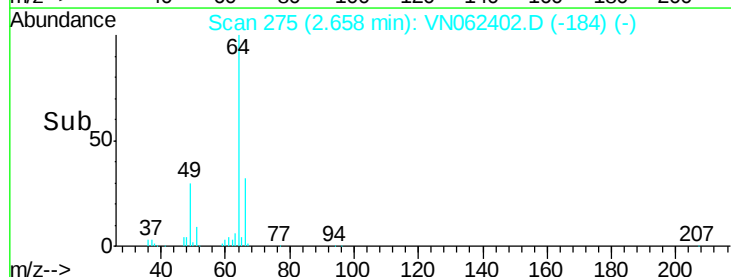
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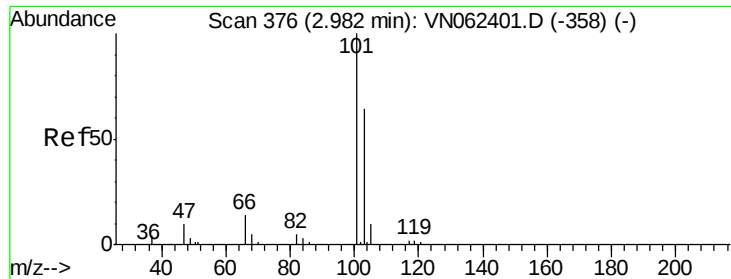
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Time-->



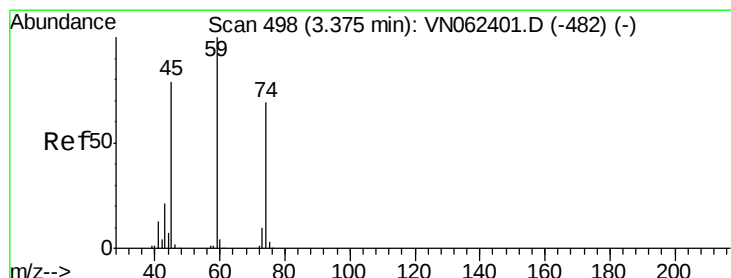
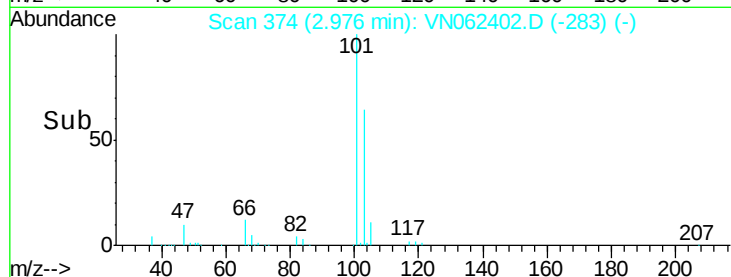
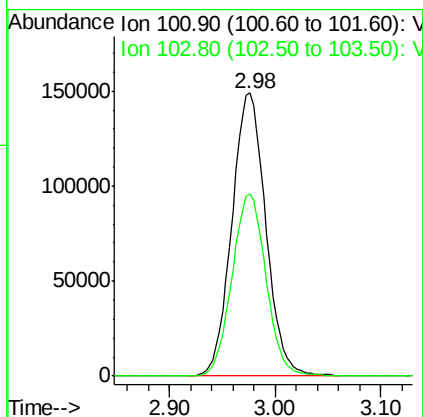
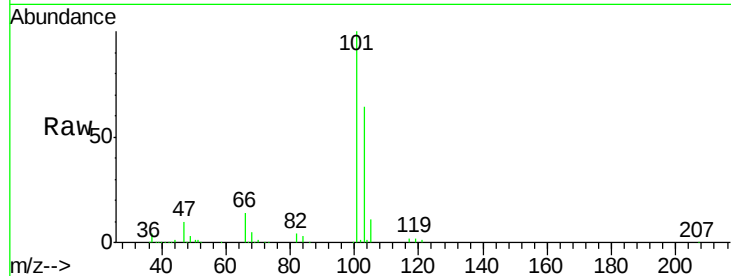


#7

Trichlorofluoromethane
 Concen: 79.222 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VN062402.D
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Instrument :
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 VSTDIC100

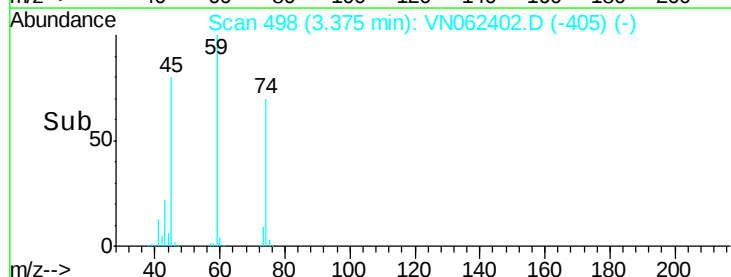
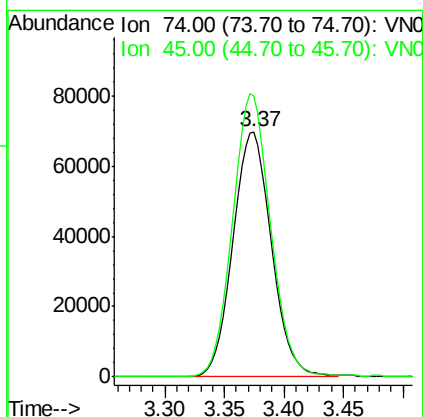
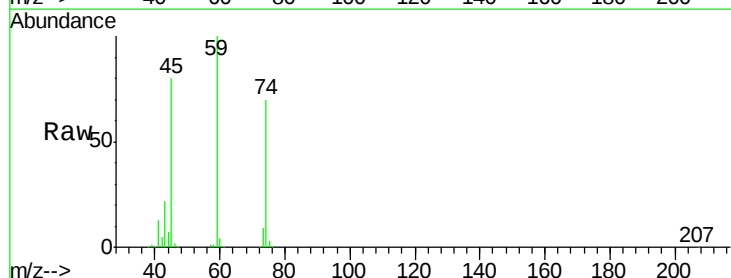
Tgt Ion: 101 Resp: 332612
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.6 77.4

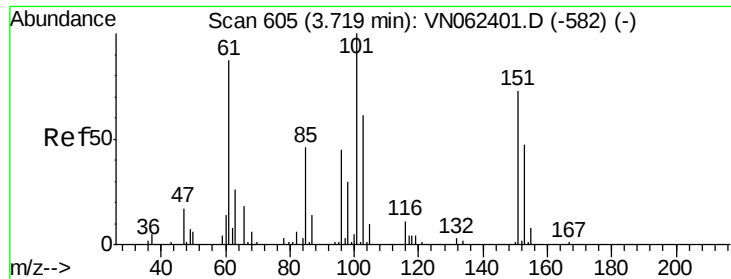


#8

Diethyl Ether
 Concen: 93.603 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion: 74 Resp: 156586
 Ion Ratio Lower Upper
 74 100
 45 114.0 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 84.655 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

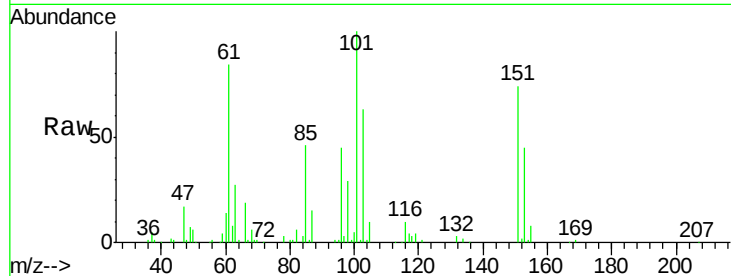
Tgt Ion:101 Resp: 202333

Ion Ratio Lower Upper

101 100

85 46.2 36.7 55.1

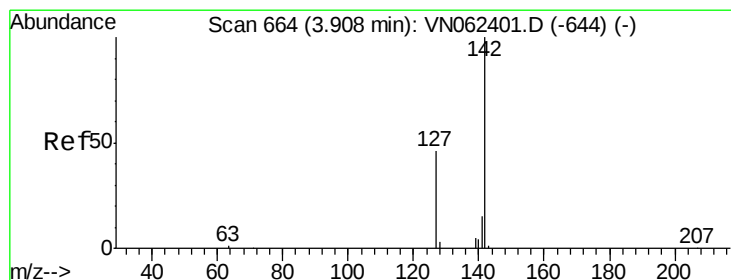
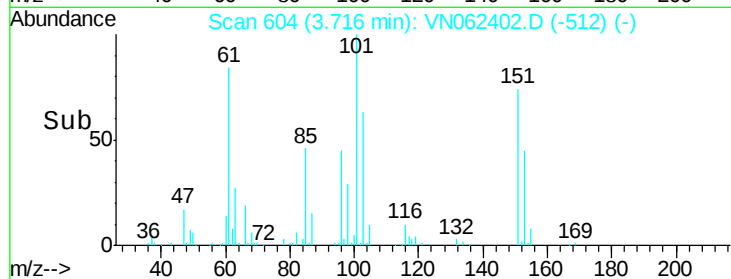
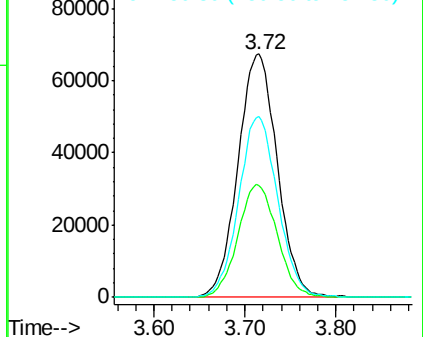
151 73.9 58.3 87.5



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: 98.951 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

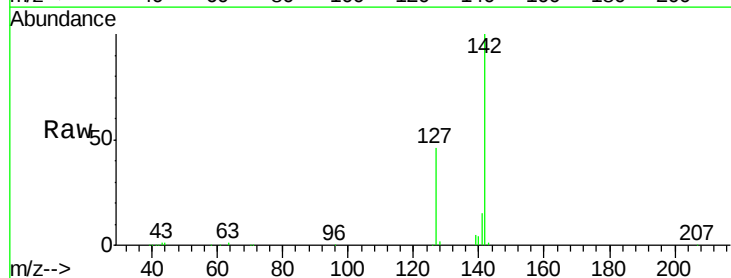
Tgt Ion:142 Resp: 287019

Ion Ratio Lower Upper

142 100

127 45.2 36.1 54.1

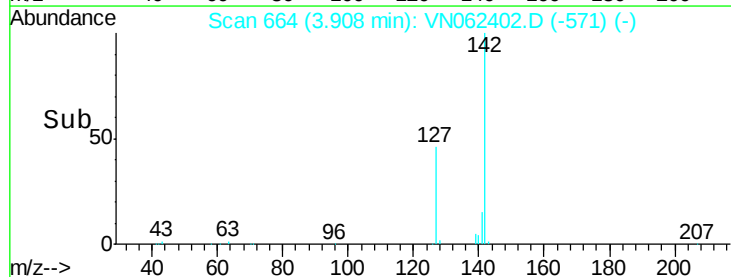
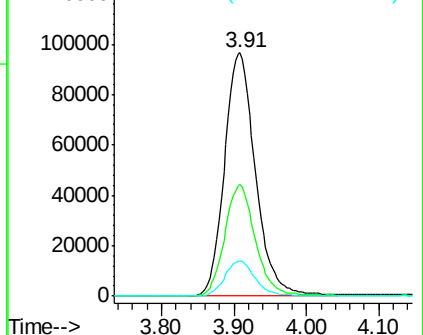
141 14.3 11.4 17.0

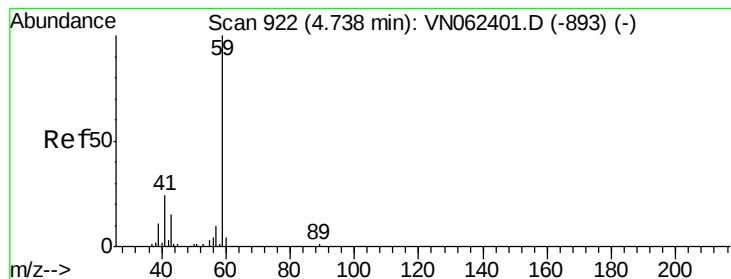


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



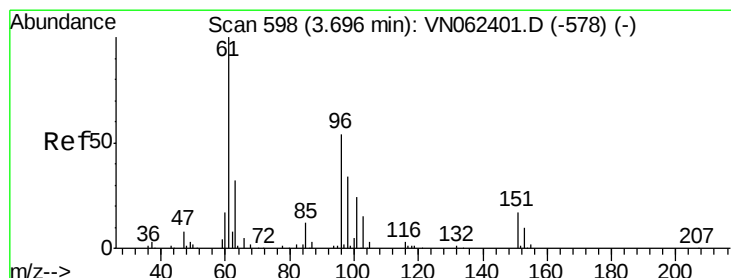
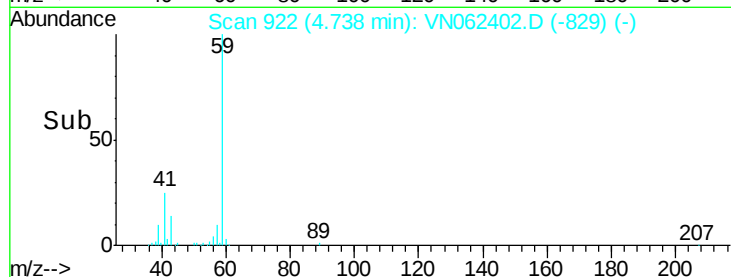
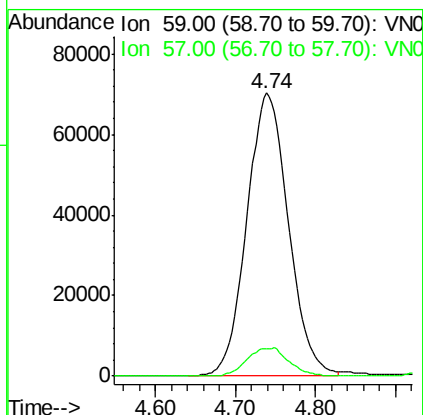
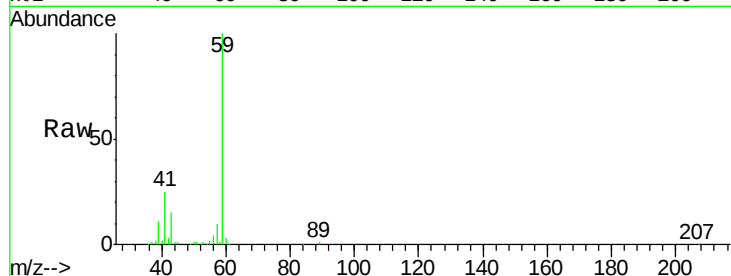


#11

Tert butyl alcohol
 Concen: 464.341 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

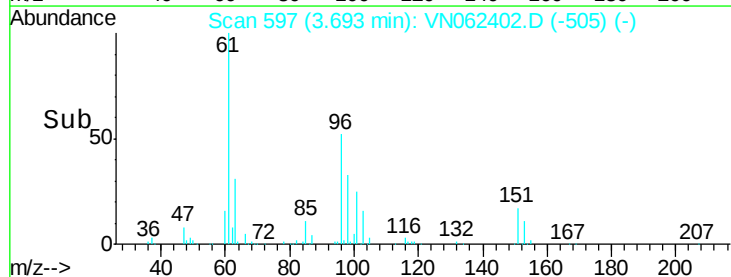
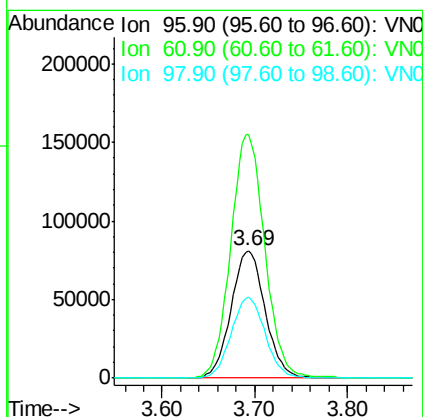
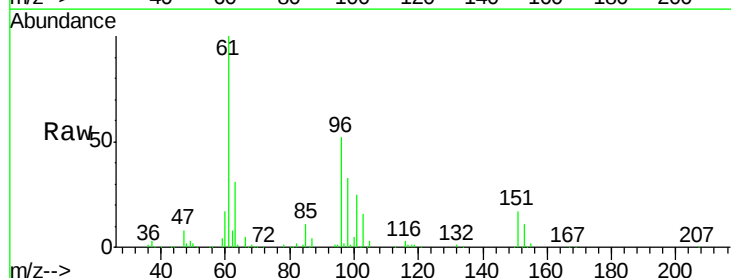
Tgt Ion: 59 Resp: 250213
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.8 11.6

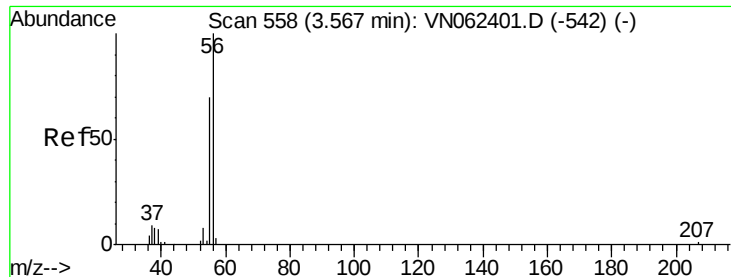


#12

1,1-Dichloroethene
 Concen: 91.992 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion: 96 Resp: 206104
 Ion Ratio Lower Upper
 96 100
 61 190.6 147.4 221.0
 98 63.3 50.4 75.6





#13

Acrolein

Concen: 695.040 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

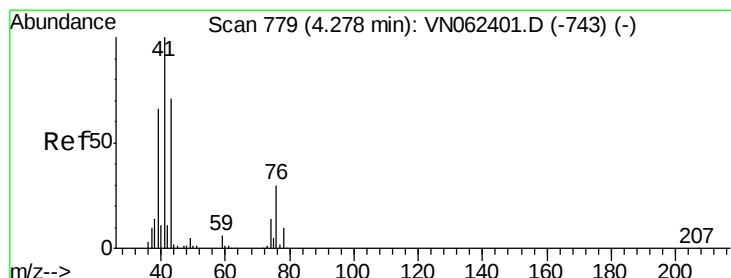
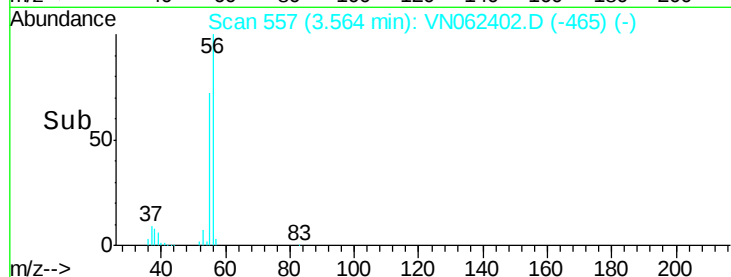
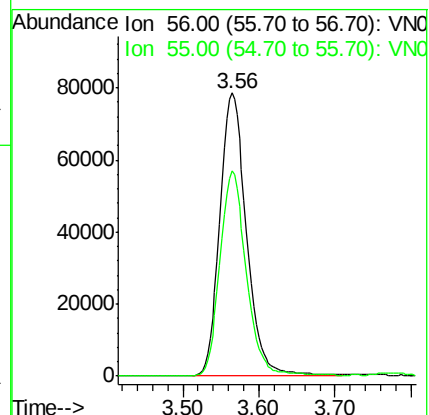
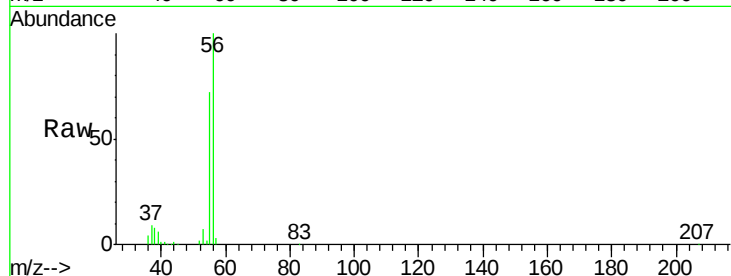
VSTDIC100

Tgt Ion: 56 Resp: 192412

Ion Ratio Lower Upper

56 100

55 71.3 57.2 85.8



#14

Allyl chloride

Concen: 92.204 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

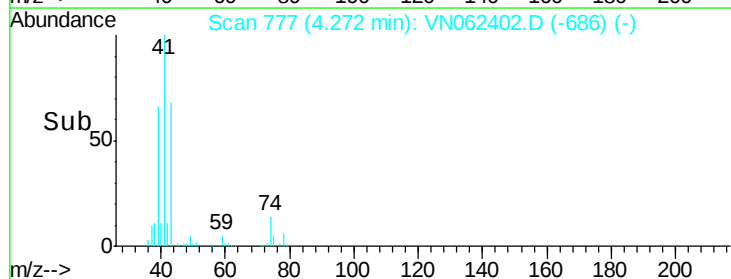
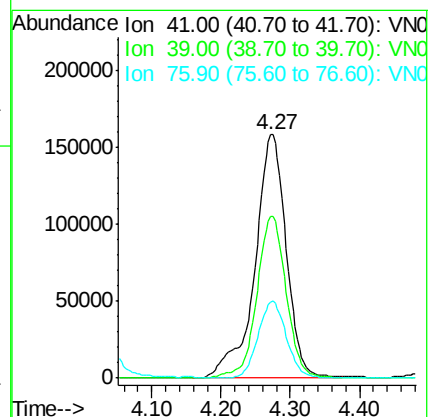
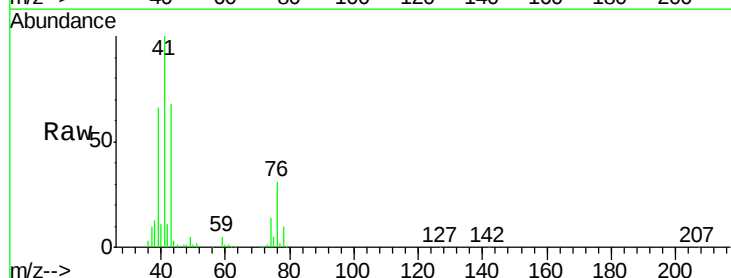
Tgt Ion: 41 Resp: 498453

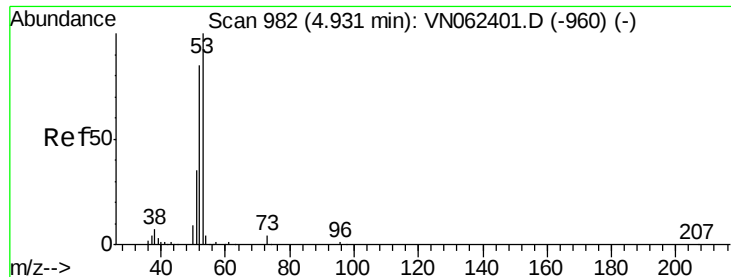
Ion Ratio Lower Upper

41 100

39 62.1 49.6 74.4

76 27.9 22.2 33.4





#15

Acrylonitrile

Concen: 499.583 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

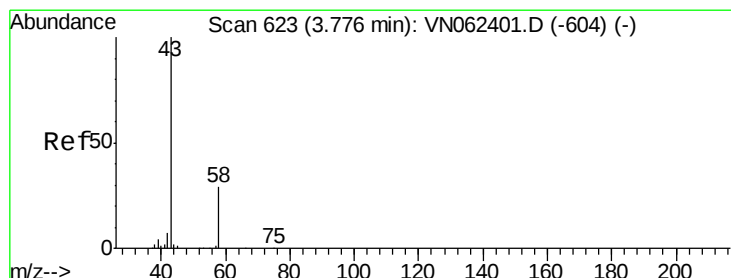
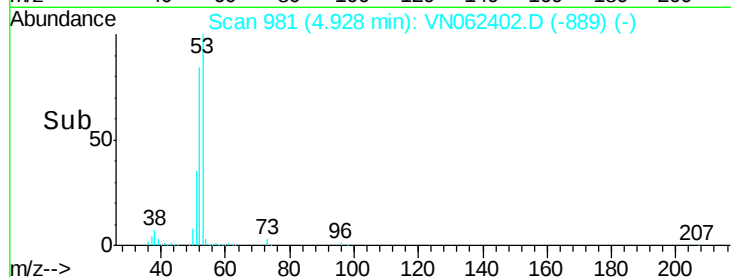
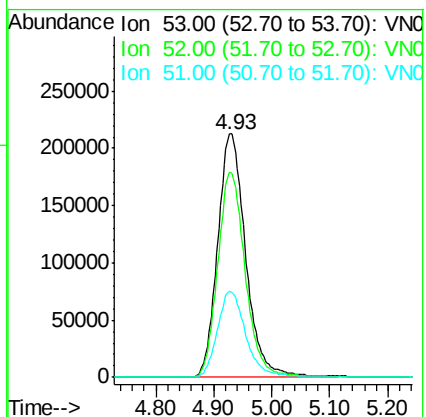
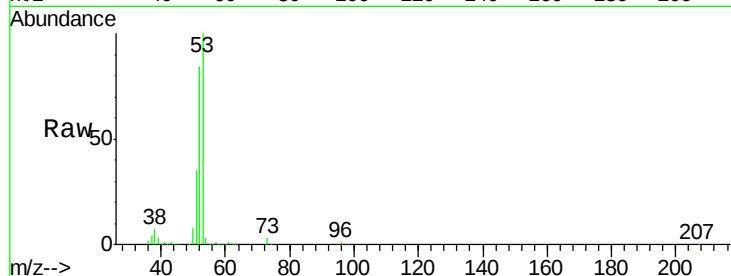
Tgt Ion: 53 Resp: 715757

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

51 35.8 28.7 43.1



#16

Acetone

Concen: 351.342 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062402.D

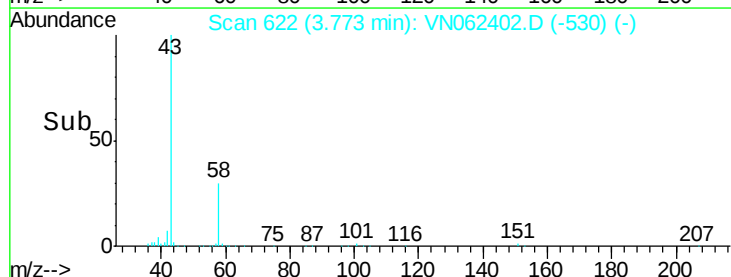
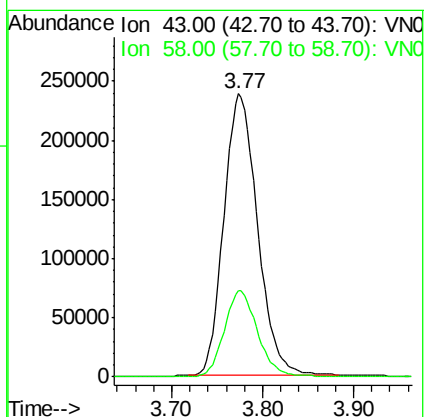
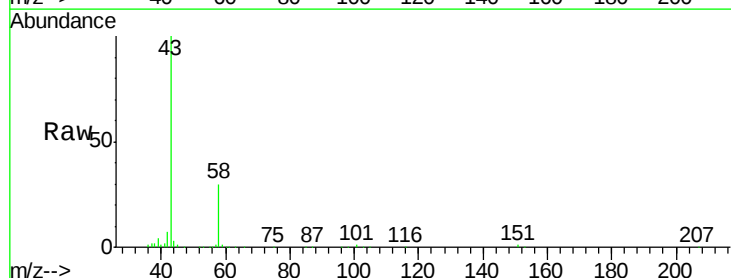
Acq: 8 Jul 2020 11:51

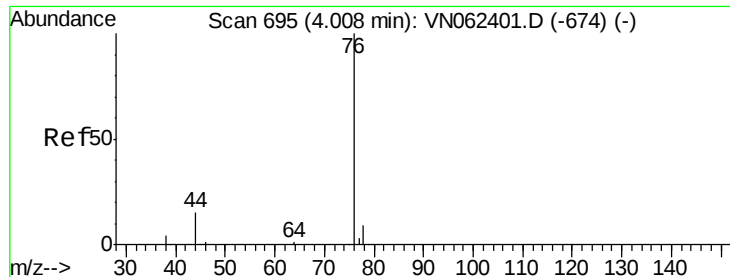
Tgt Ion: 43 Resp: 614039

Ion Ratio Lower Upper

43 100

58 30.5 23.5 35.3

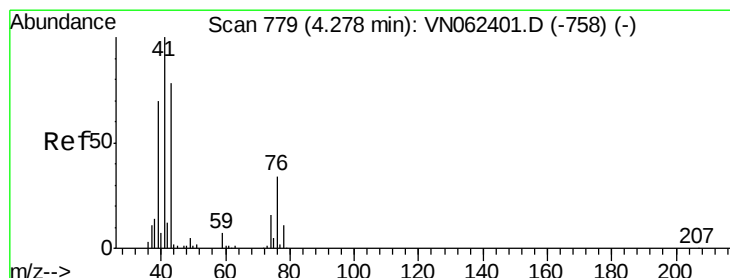
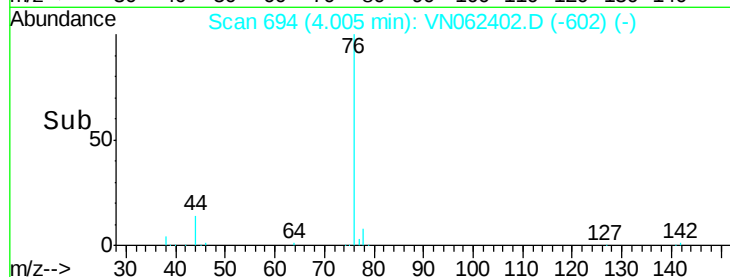
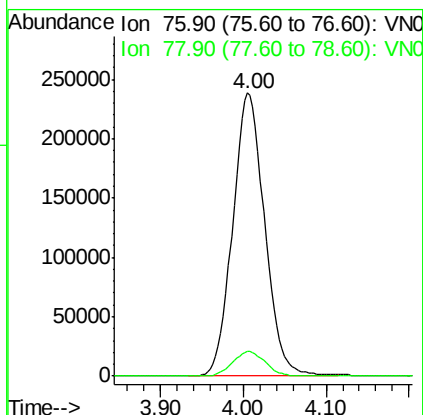
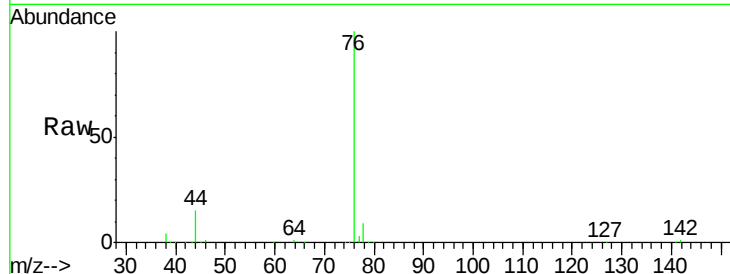




#17
Carbon Disulfide
Concen: 90.168 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

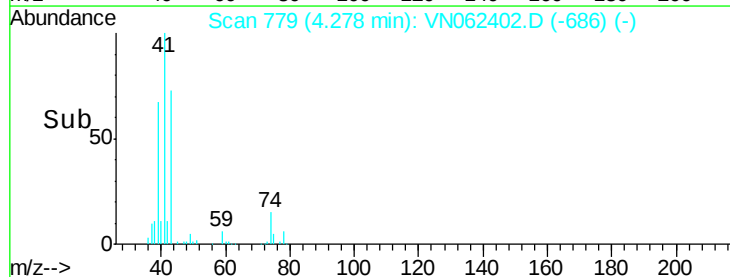
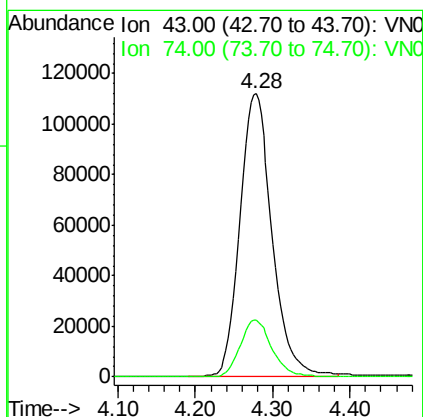
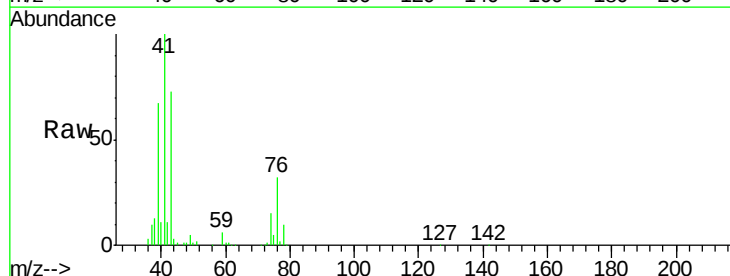
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

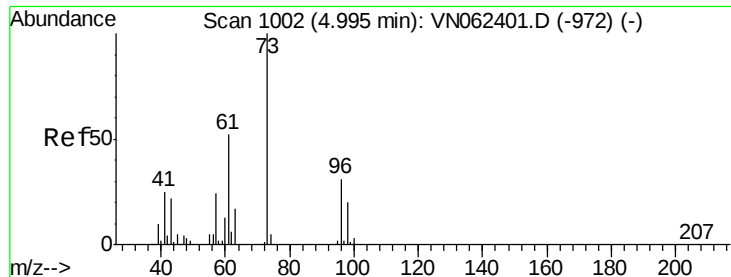
Tgt Ion: 76 Resp: 640076
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 81.997 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Tgt Ion: 43 Resp: 321537
Ion Ratio Lower Upper
43 100
74 20.2 16.0 24.0

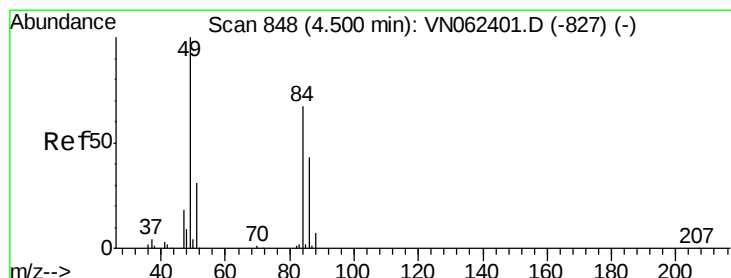
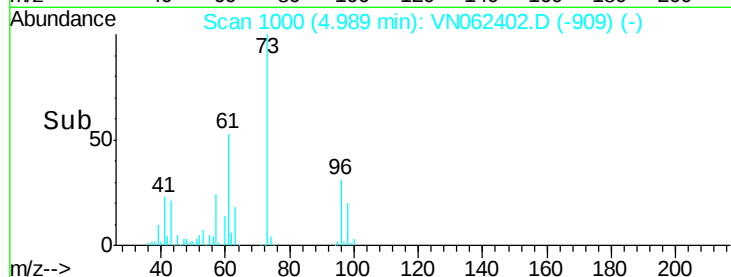
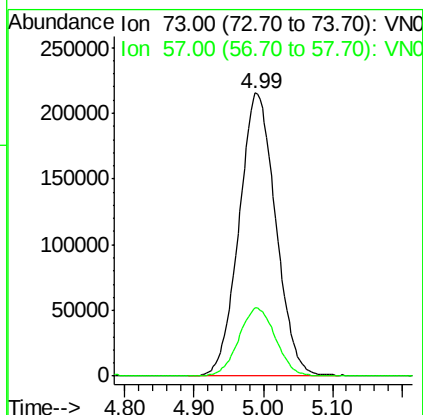
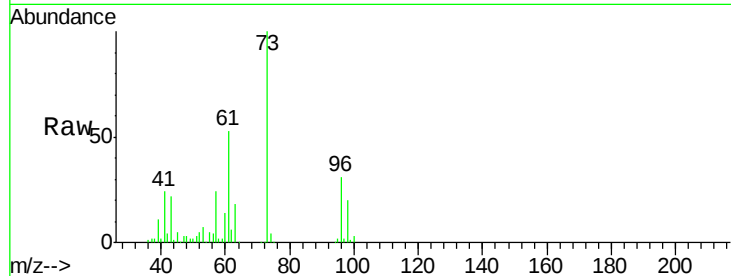




#19
Methyl tert-butyl Ether
Concen: 93.168 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

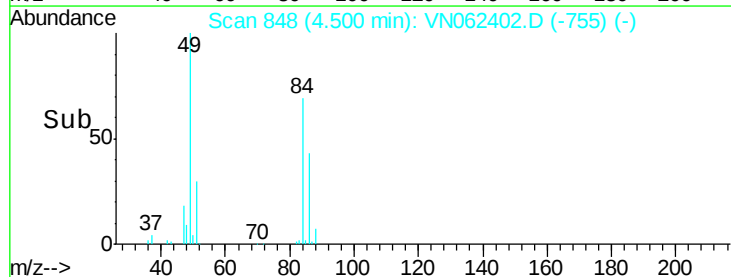
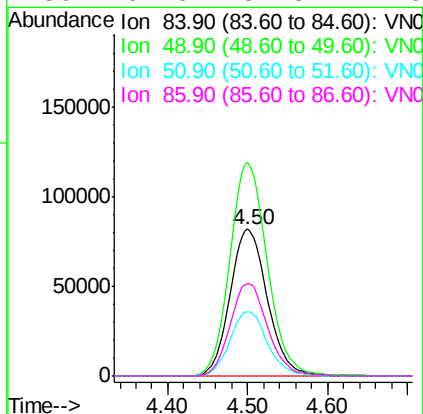
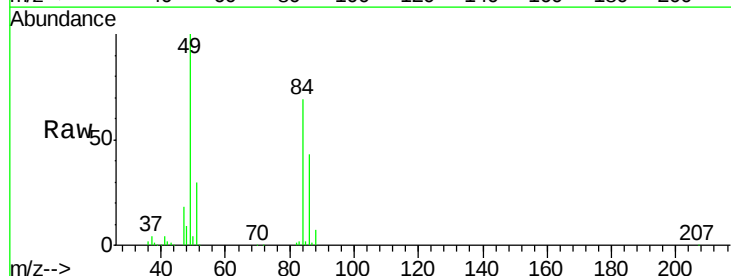
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

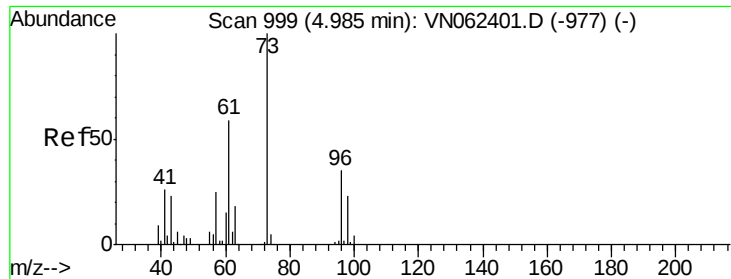
Tgt Ion: 73 Resp: 792183
Ion Ratio Lower Upper
73 100
57 24.2 19.4 29.0



#20
Methylene Chloride
Concen: 80.720 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Tgt Ion: 84 Resp: 259181
Ion Ratio Lower Upper
84 100
49 145.6 120.0 180.0
51 44.1 37.0 55.6
86 62.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 90.557 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

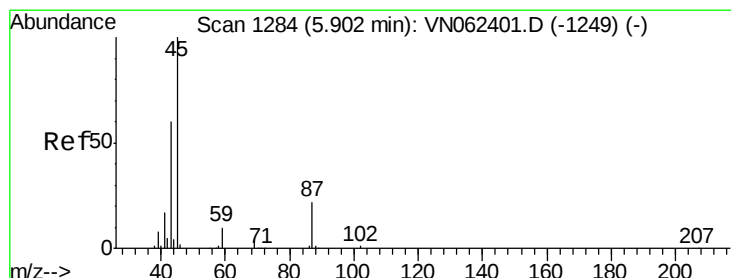
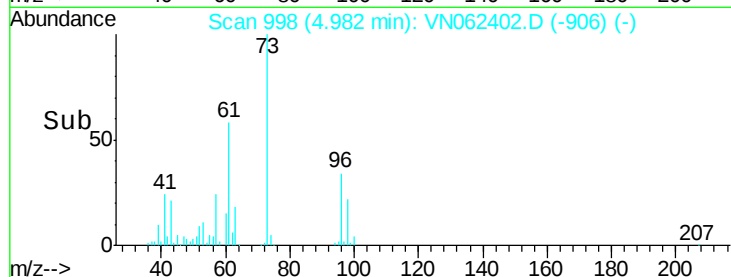
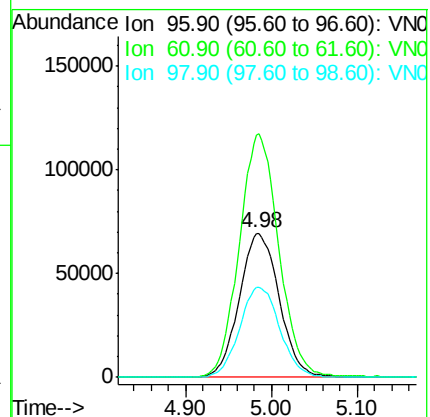
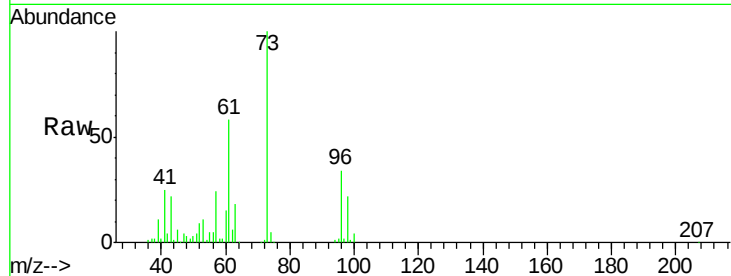
Tgt Ion: 96 Resp: 224344

Ion Ratio Lower Upper

96 100

61 168.2 133.5 200.3

98 62.5 51.9 77.9



#22

Diisopropyl ether

Concen: 90.579 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Tgt Ion: 45 Resp: 976397

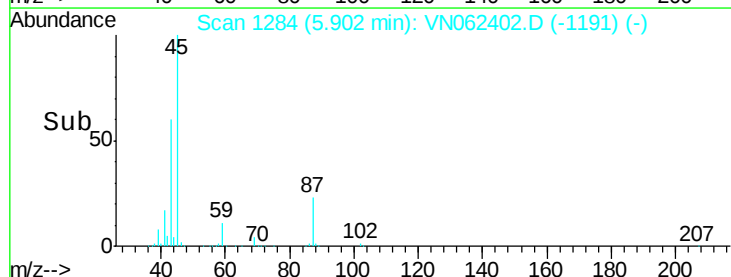
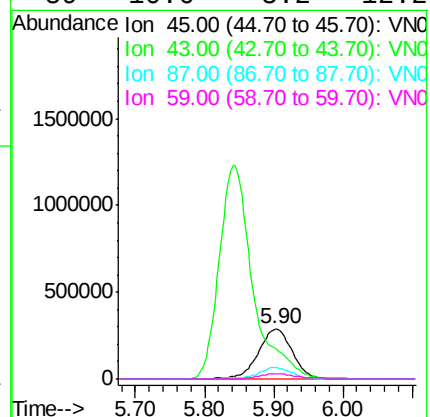
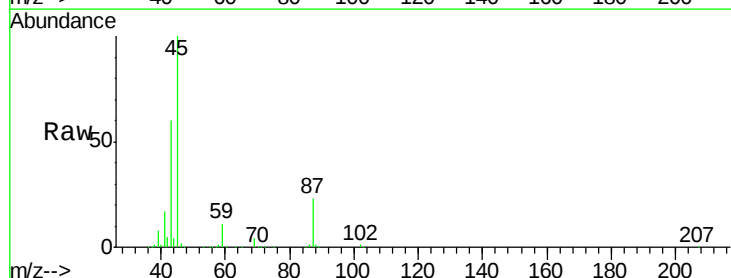
Ion Ratio Lower Upper

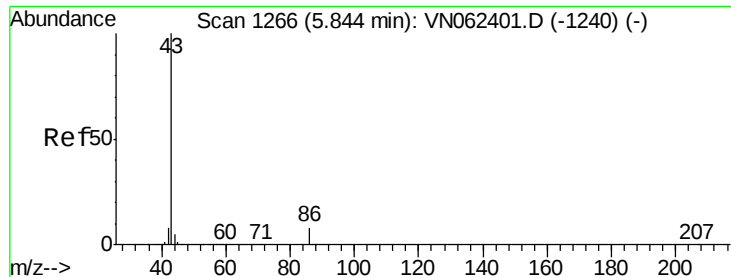
45 100

43 58.9 50.1 75.1

87 23.0 18.2 27.4

59 10.6 8.2 12.2

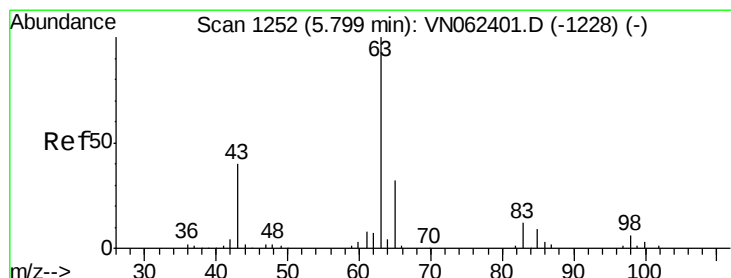
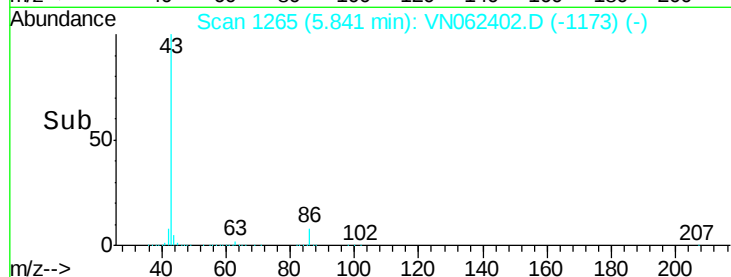
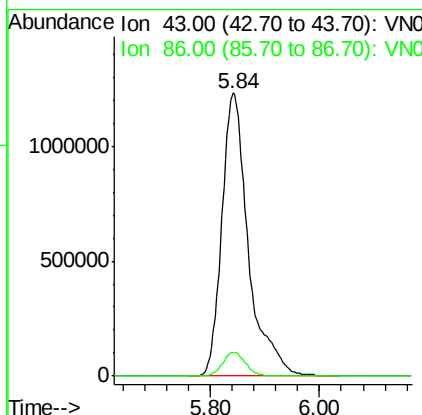
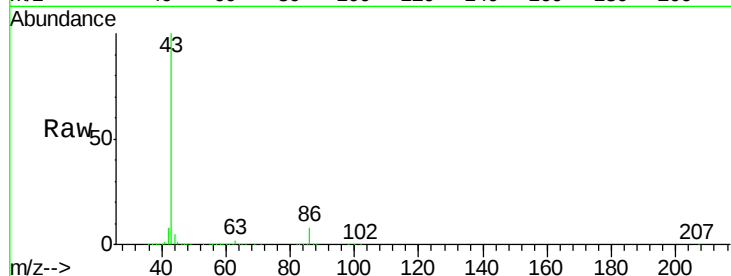




#23
 Vinyl Acetate
 Concen: 496.432 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

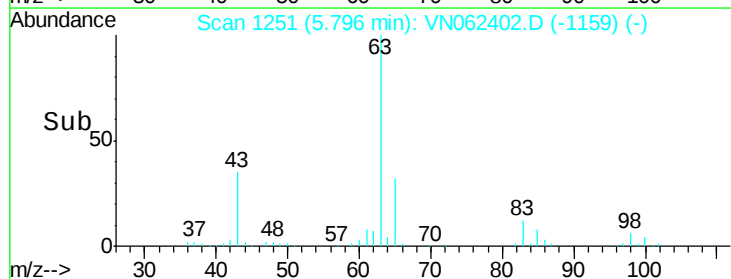
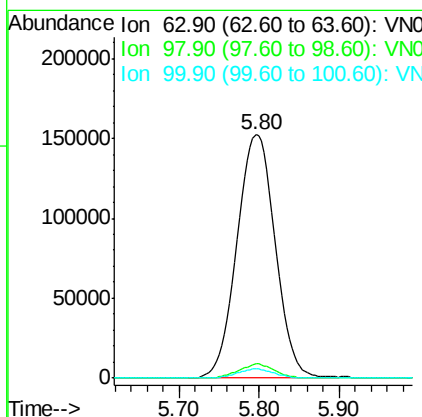
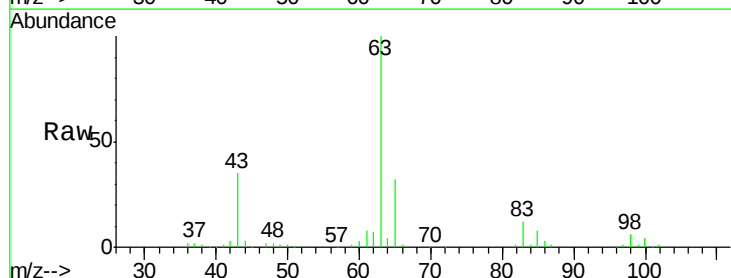
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

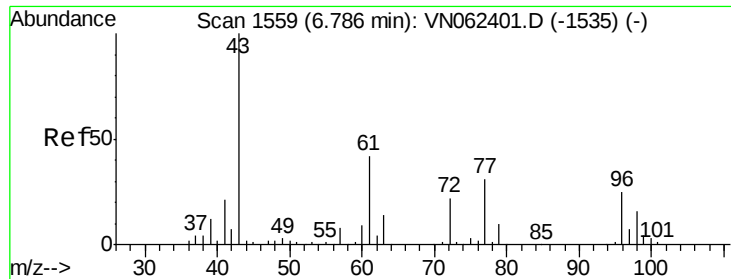
Tgt Ion: 43 Resp: 4156183
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 91.927 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion: 63 Resp: 495520
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 3.7 1.8 5.3

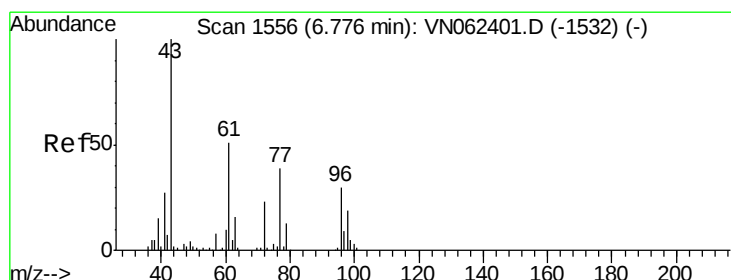
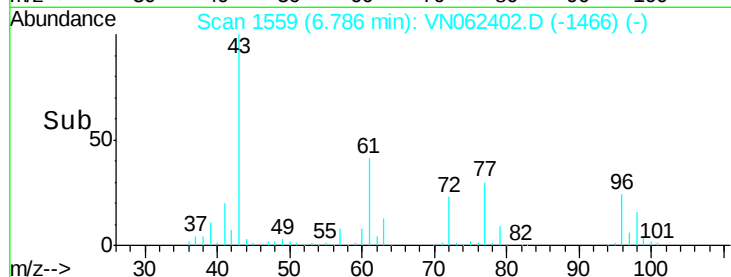
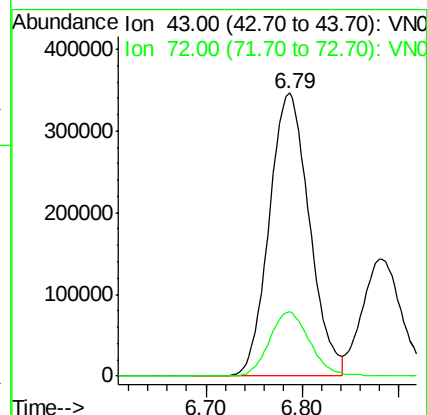
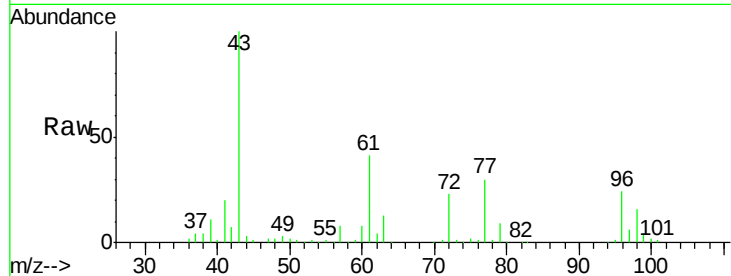




#25
2-Butanone
Concen: 445.965 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

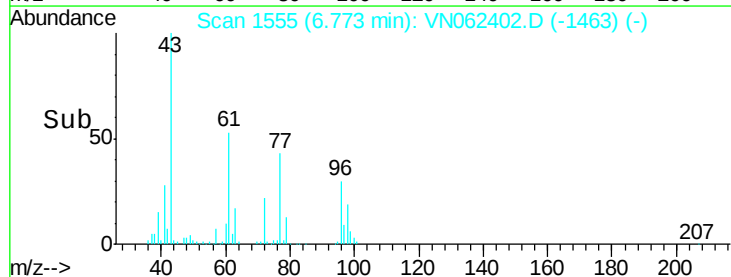
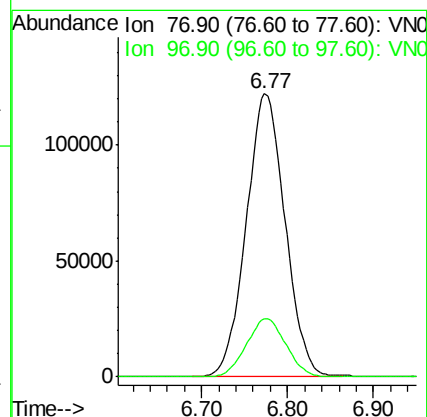
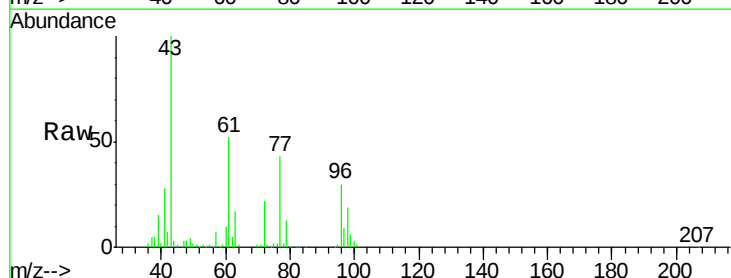
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

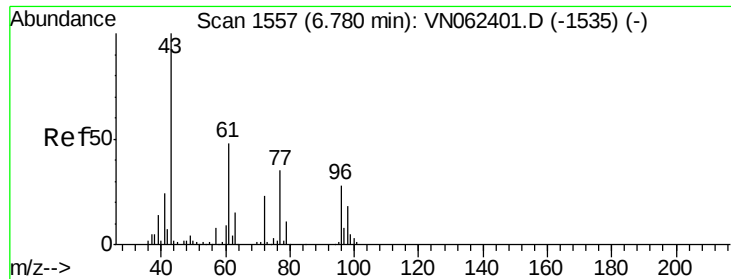
Tgt Ion: 43 Resp: 998725
Ion Ratio Lower Upper
43 100
72 22.8 17.9 26.9



#26
2,2-Dichloropropane
Concen: 87.589 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Tgt Ion: 77 Resp: 383706
Ion Ratio Lower Upper
77 100
97 20.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 93.435 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

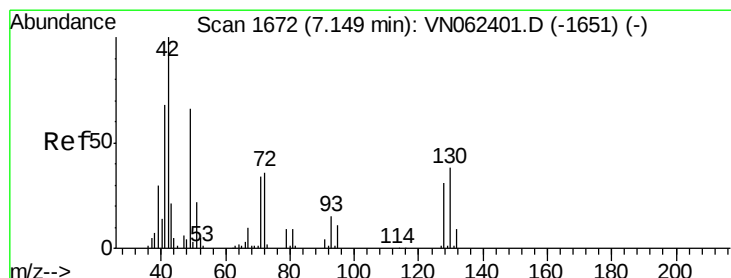
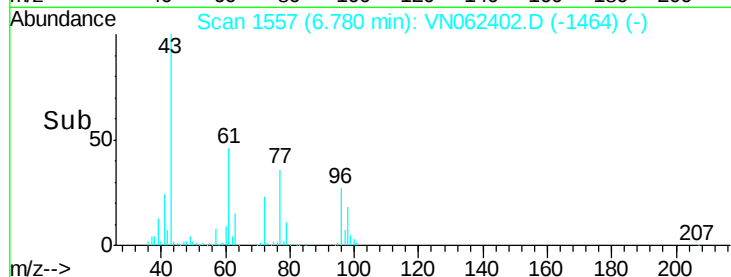
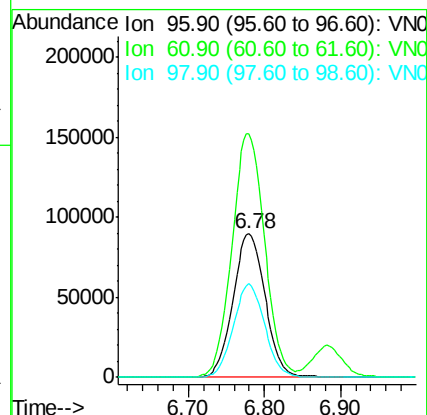
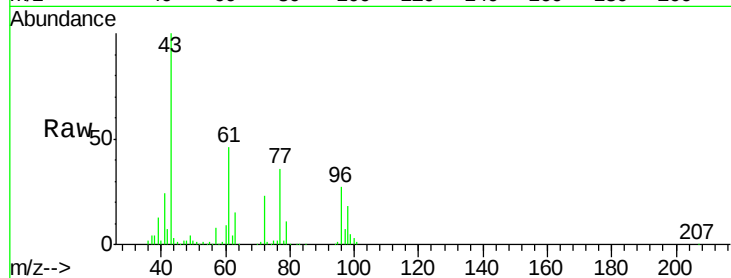
Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 264306

Ion	Ratio	Lower	Upper
96	100		
61	171.6	0.0	343.4
98	64.0	0.0	128.4



#28

Bromochloromethane

Concen: 89.583 ug/l

RT: 7.15 min Scan# 1672

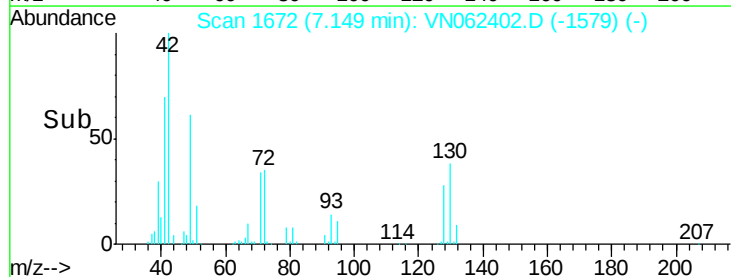
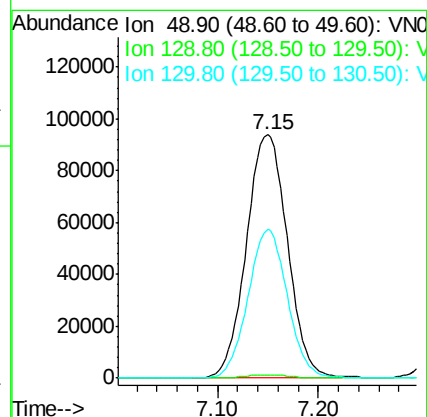
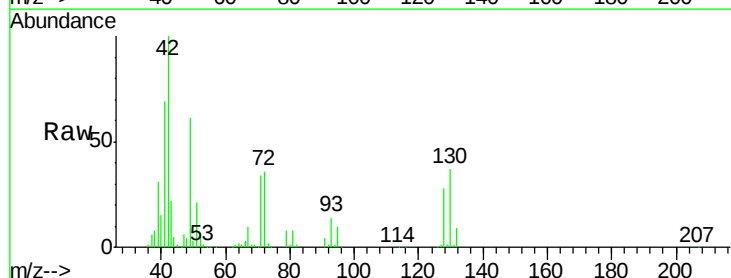
Delta R.T. 0.00 min

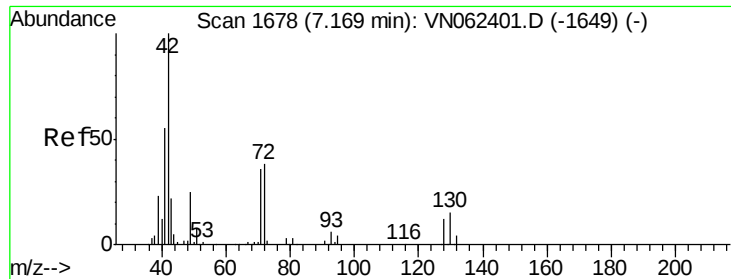
Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Tgt Ion: 49 Resp: 265323

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.8
130	58.7	46.5	69.7

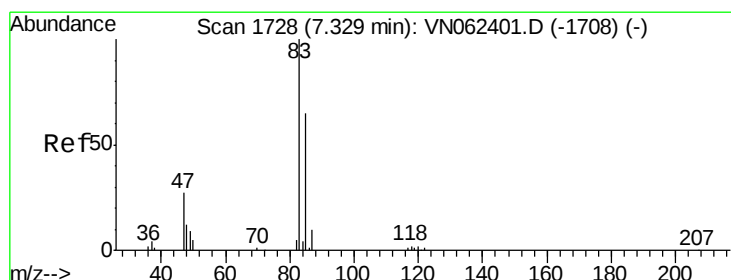
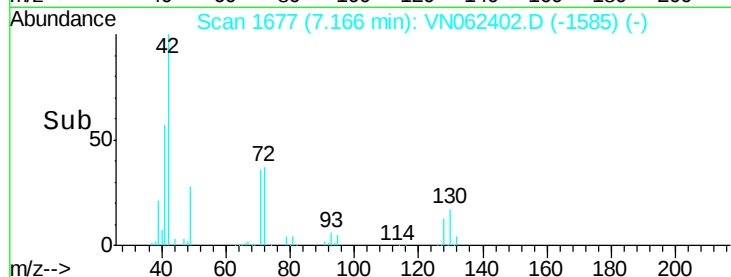
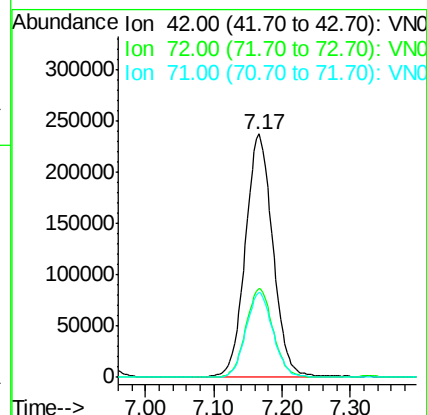
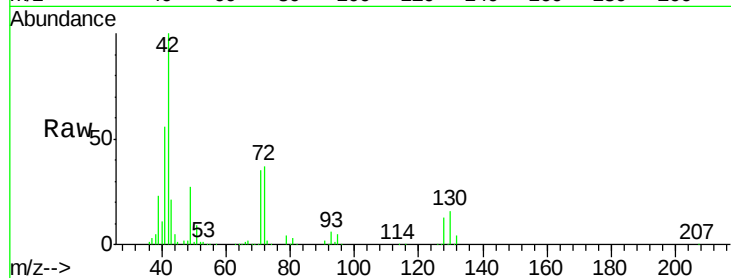




#29
Tetrahydrofuran
Concen: 465.563 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

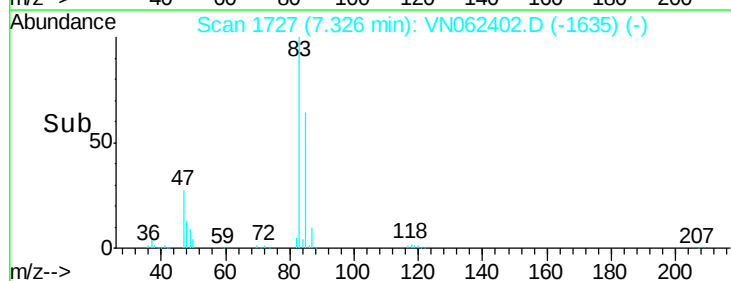
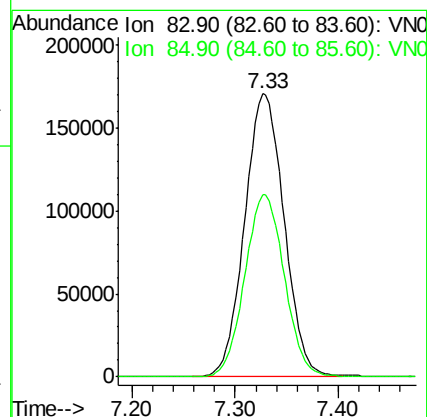
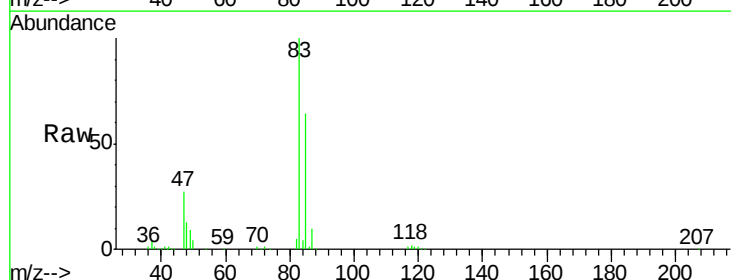
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

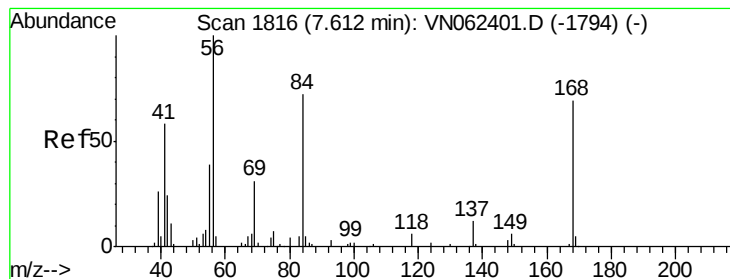
Tgt Ion: 42 Resp: 665567
Ion Ratio Lower Upper
42 100
72 36.3 29.1 43.7
71 34.4 28.1 42.1



#30
Chloroform
Concen: 87.069 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Tgt Ion: 83 Resp: 453249
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6





#31

Cyclohexane

Concen: 89.303 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

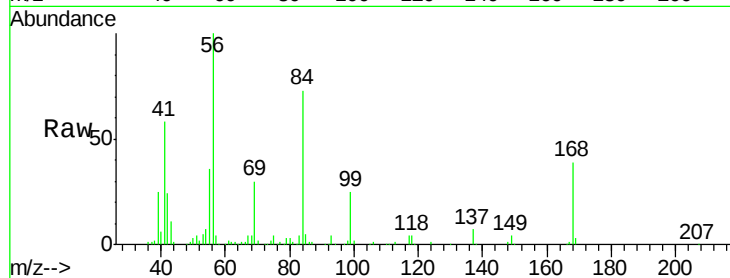
Tgt Ion: 56 Resp: 446146

Ion Ratio Lower Upper

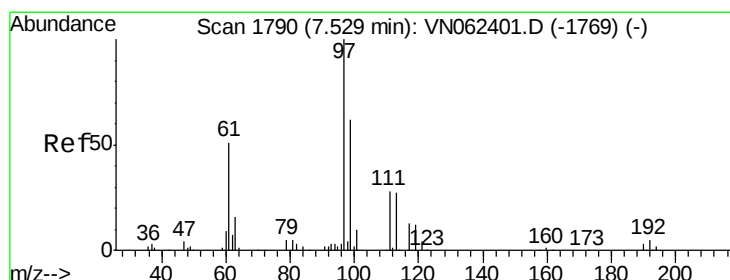
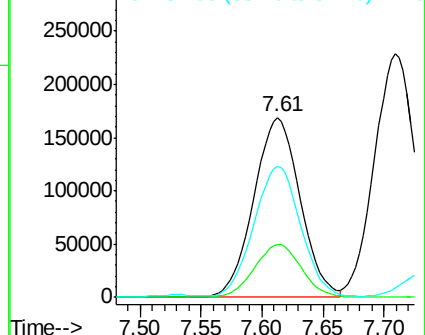
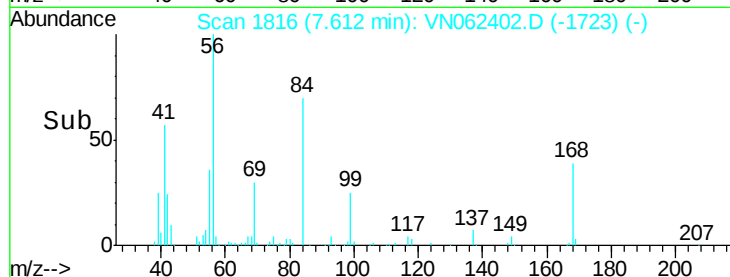
56 100

69 29.5 24.5 36.7

84 71.8 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN062402.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 87.086 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

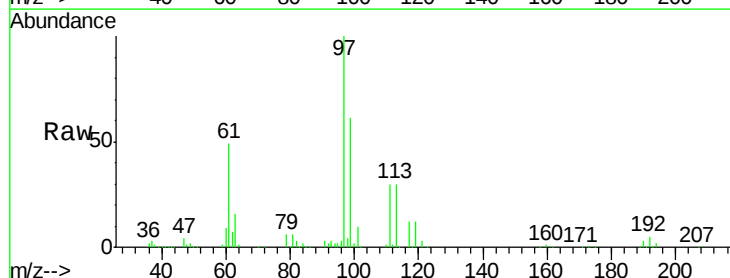
Tgt Ion: 97 Resp: 379432

Ion Ratio Lower Upper

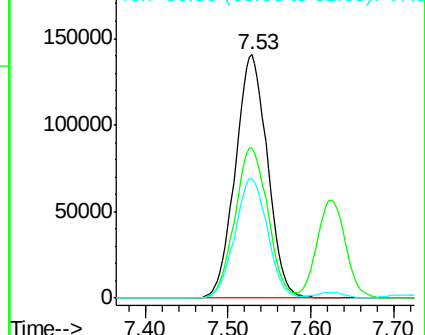
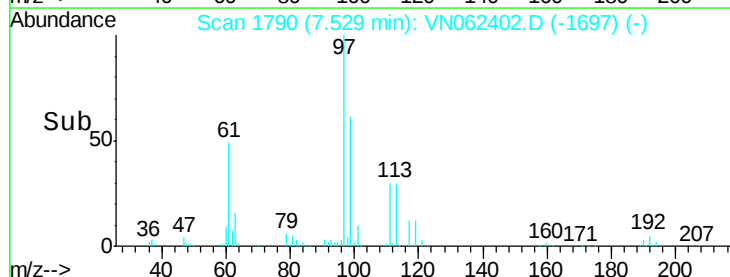
97 100

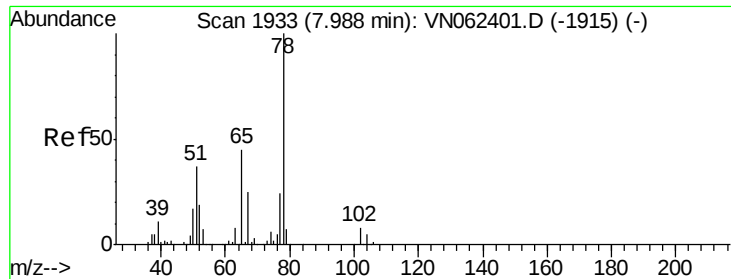
99 63.0 50.4 75.6

61 49.6 39.9 59.9



Abundance Ion 96.90 (96.60 to 97.60): VN062402.D (-1697) (-)

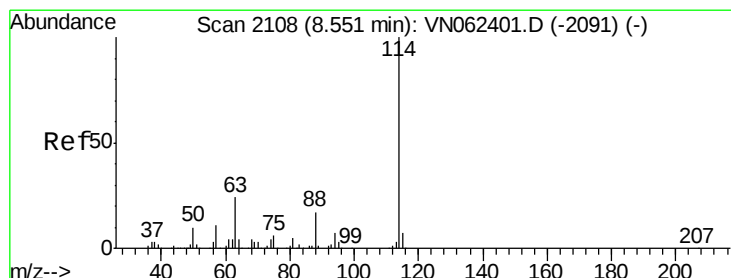
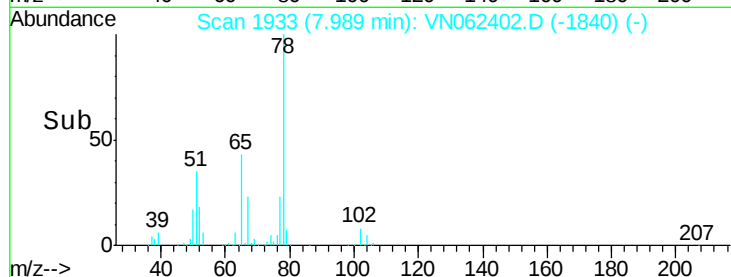
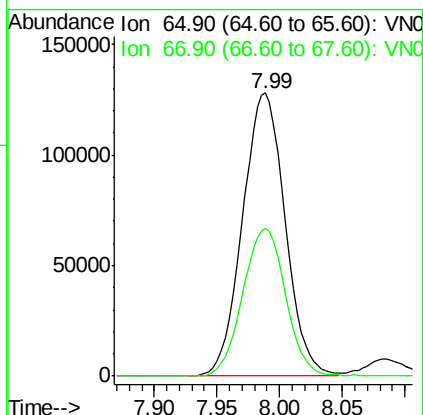
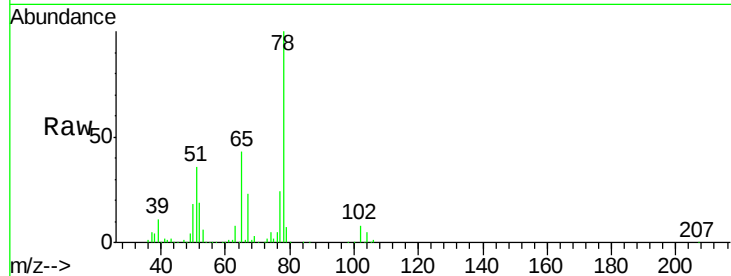




#33
 1,2-Dichloroethane-d4
 Concen: 79.866 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

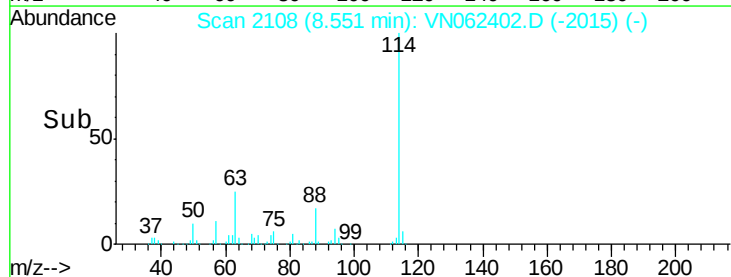
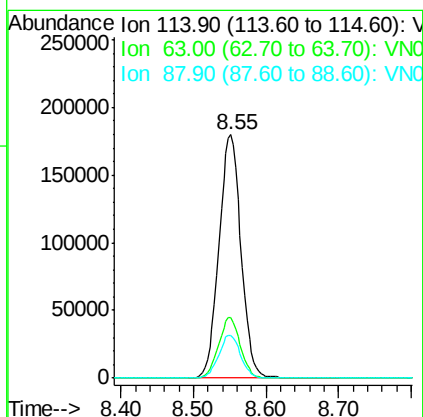
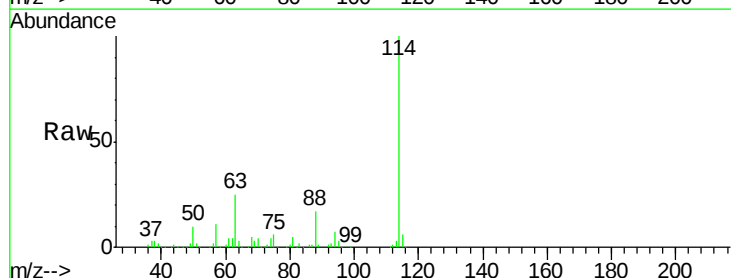
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

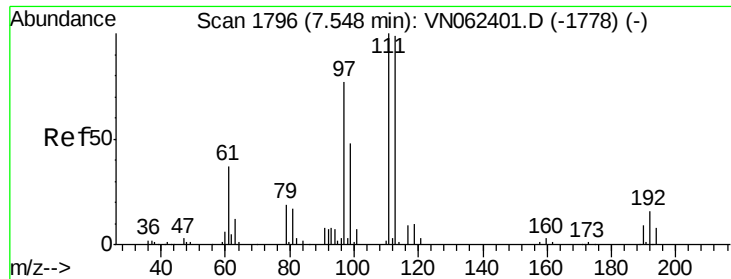
Tgt Ion: 65 Resp: 302375
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion: 114 Resp: 377811
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 48.4
 88 17.3 0.0 33.8

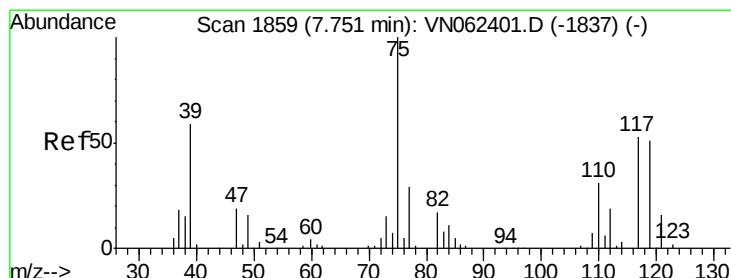
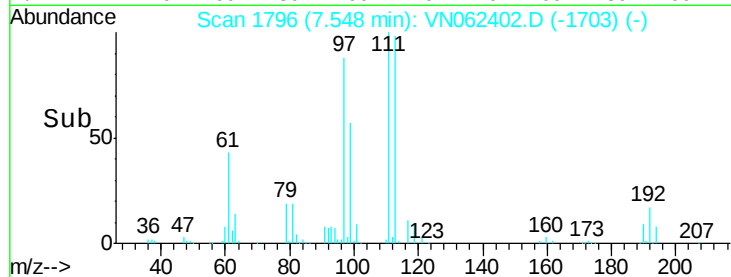
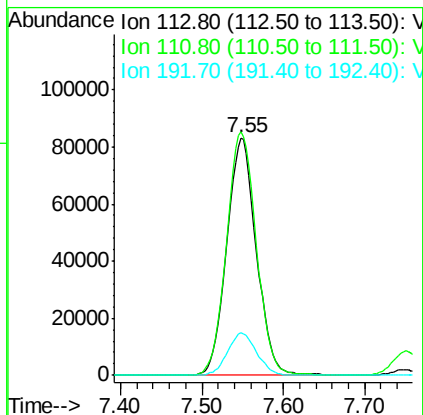
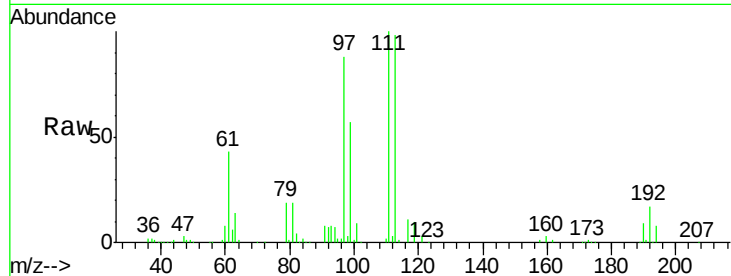




#35
 Dibromofluoromethane
 Concen: 83.534 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

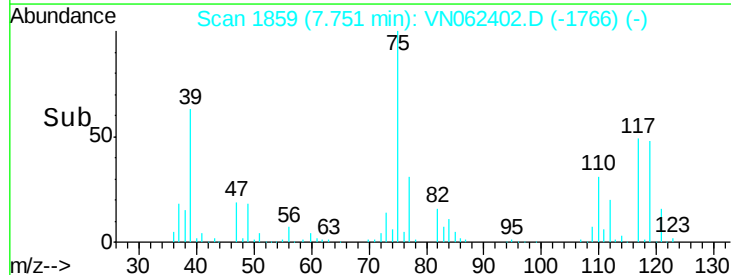
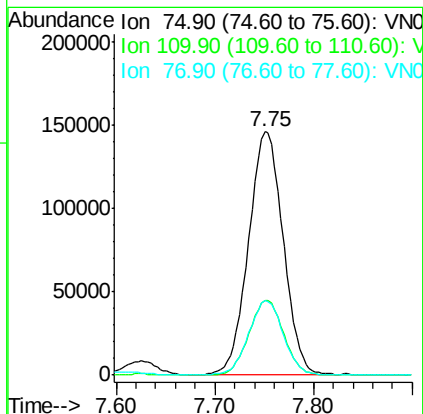
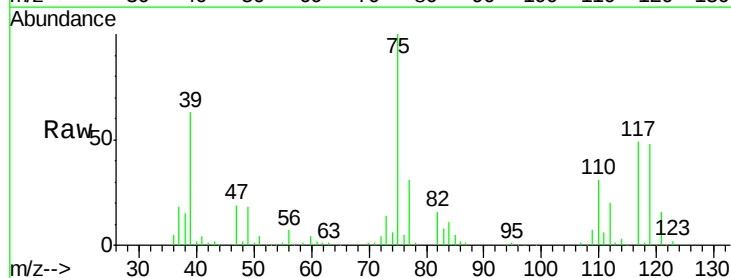
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

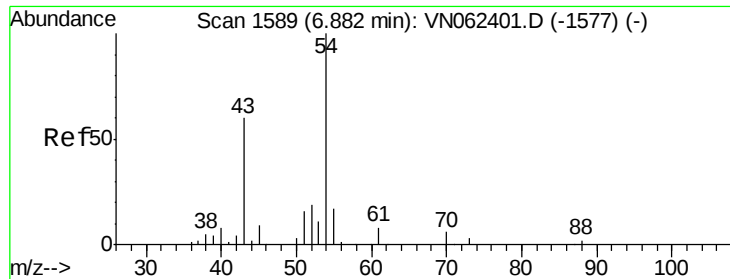
Tgt Ion:113 Resp: 211267
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.1 124.7
 192 17.6 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 88.201 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion: 75 Resp: 352817
 Ion Ratio Lower Upper
 75 100
 110 31.0 15.4 46.2
 77 30.9 24.1 36.1

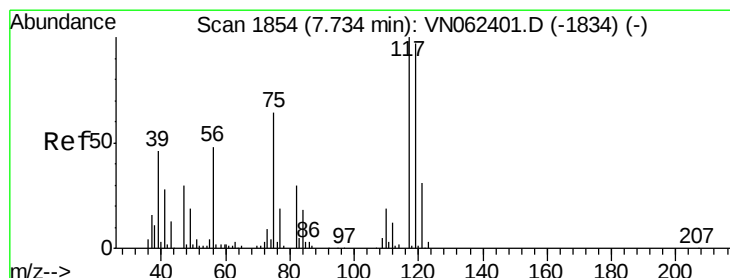
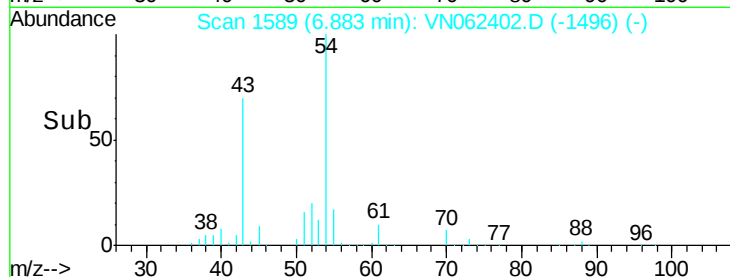
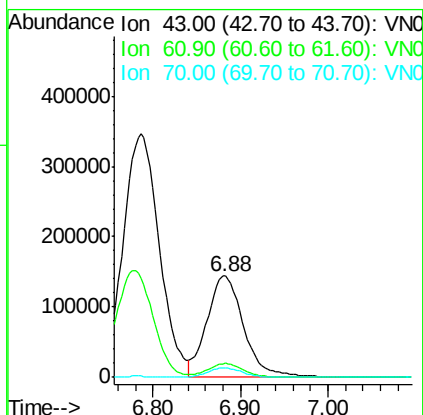
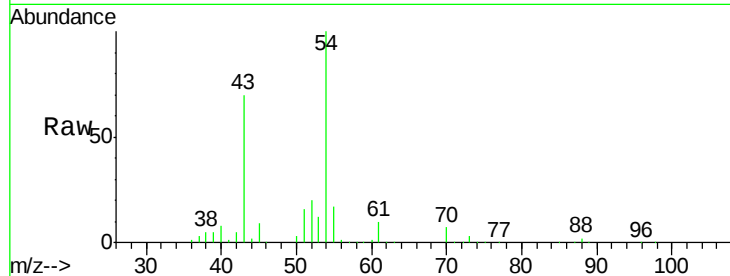




#37
 Ethyl Acetate
 Concen: 89.031 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

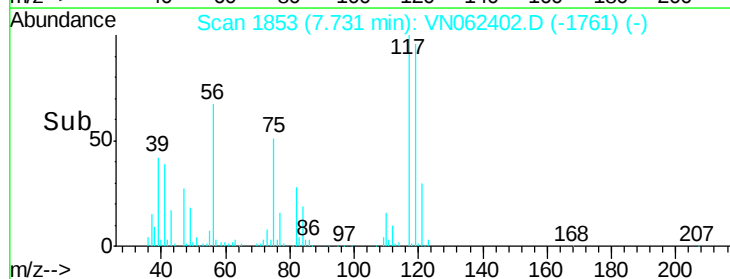
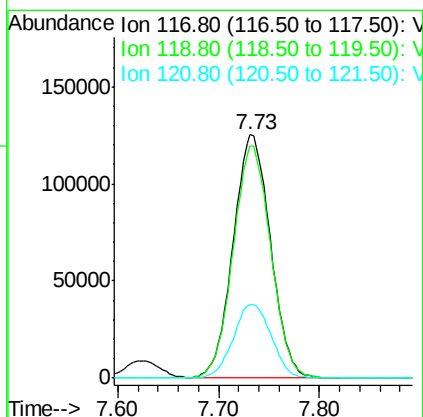
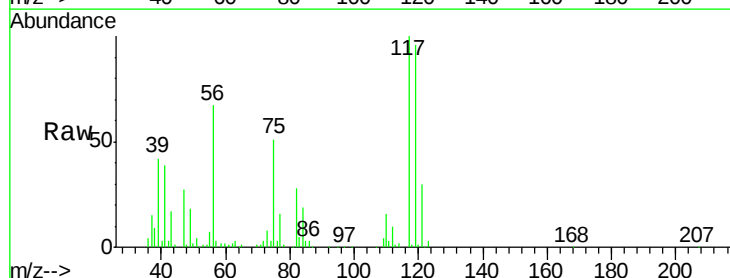
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

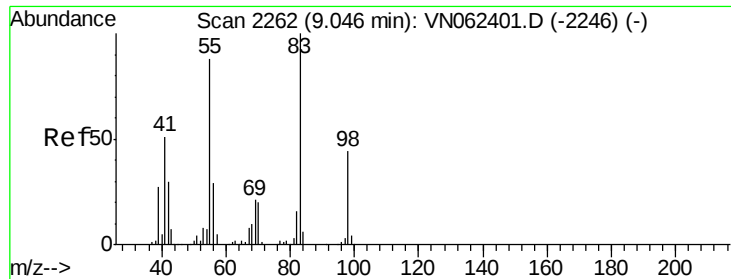
Tgt Ion: 43 Resp: 414493
 Ion Ratio Lower Upper
 43 100
 61 13.0 10.7 16.1
 70 8.7 7.2 10.8



#38
 Carbon Tetrachloride
 Concen: 81.205 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion: 117 Resp: 320573
 Ion Ratio Lower Upper
 117 100
 119 95.7 77.2 115.8
 121 30.3 24.8 37.2

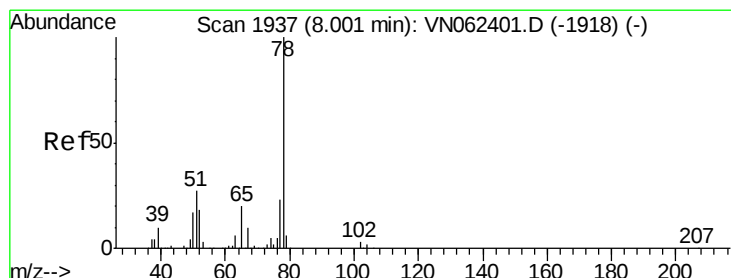
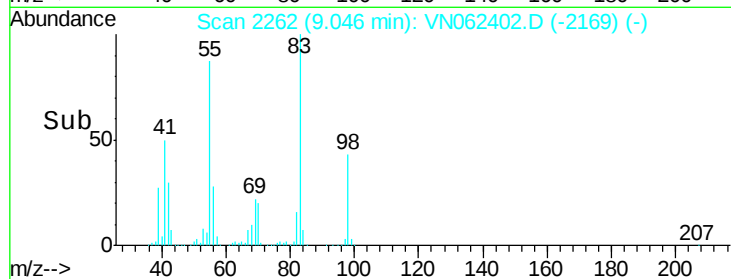
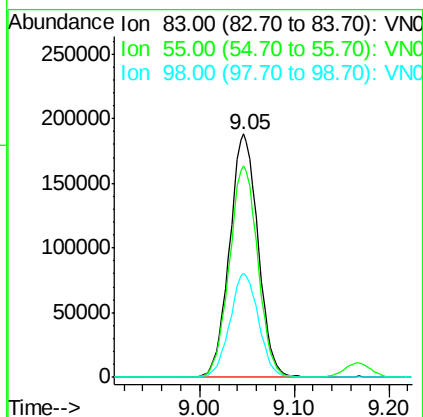
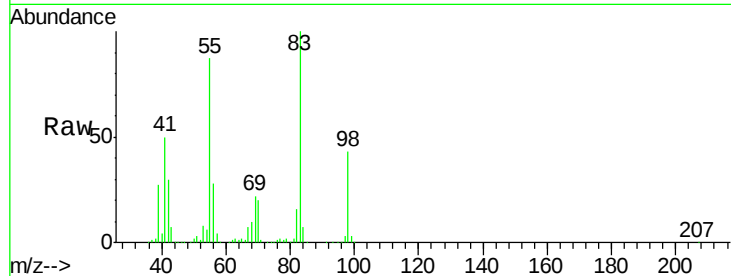




#39
Methylcyclohexane
Concen: 91.345 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

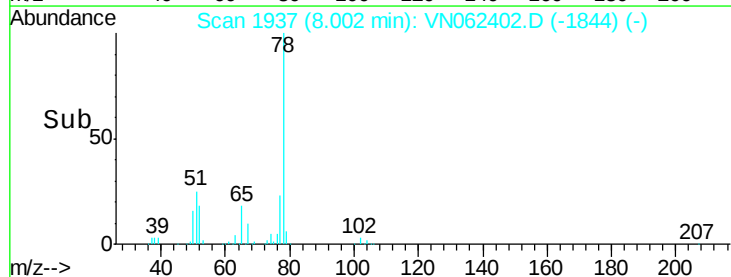
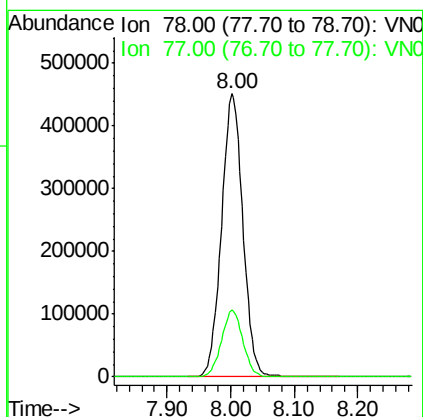
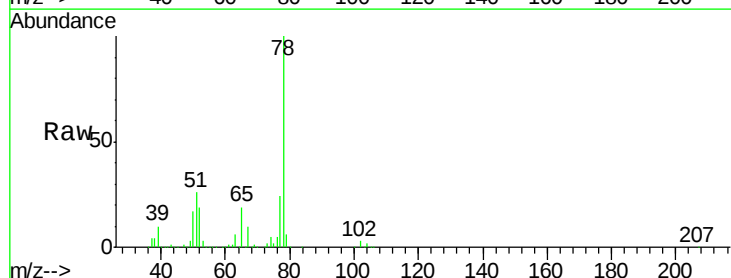
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

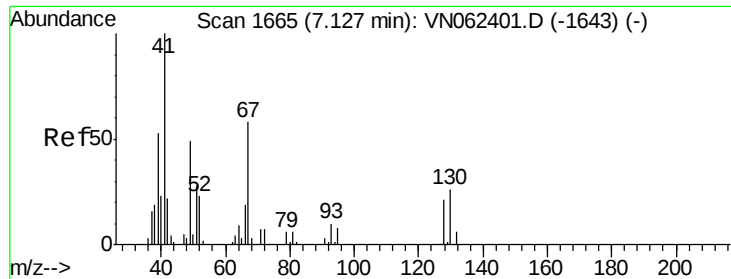
Tgt Ion: 83 Resp: 393313
Ion Ratio Lower Upper
83 100
55 86.8 70.5 105.7
98 42.9 35.5 53.3



#40
Benzene
Concen: 92.207 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Tgt Ion: 78 Resp: 1049235
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

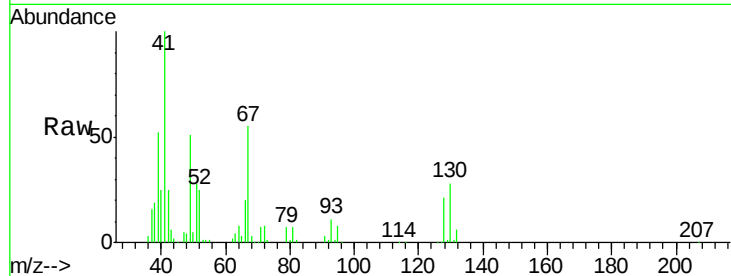




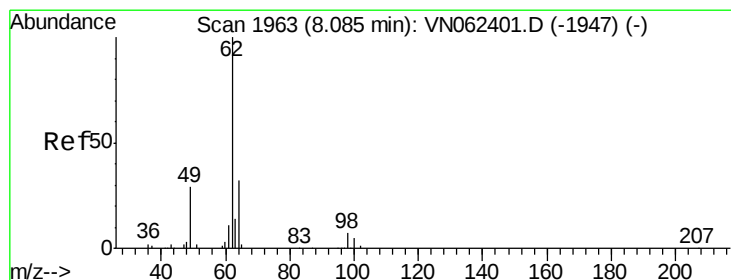
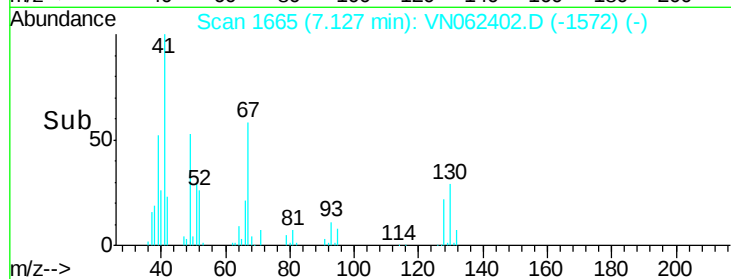
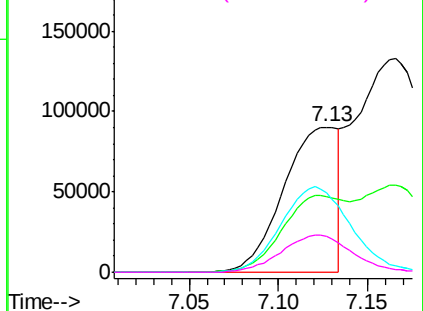
#41
Methacrylonitrile
Concen: 82.311 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	190866
Ion	Ratio	Lower	Upper
41	100		
39	62.1	50.2	75.2
67	75.8	64.2	96.2
52	33.1	28.0	42.0

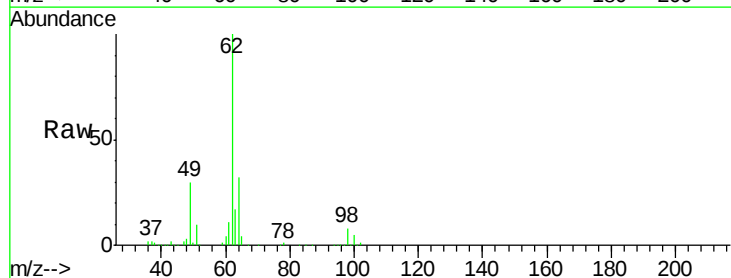


Abundance Ion 41.00 (40.70 to 41.70): VN062402.D (-1572) (-)
Ion 39.00 (38.70 to 39.70): VN062402.D (-1572) (-)
Ion 67.00 (66.70 to 67.70): VN062402.D (-1572) (-)
Ion 52.00 (51.70 to 52.70): VN062402.D (-1572) (-)

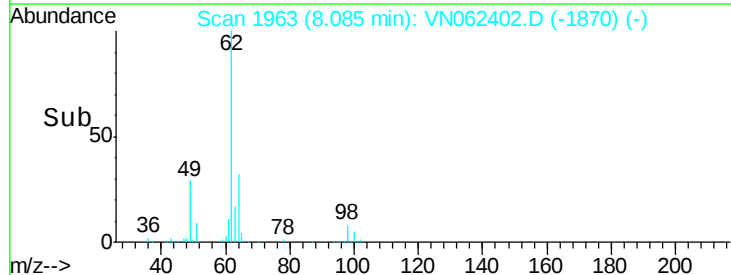
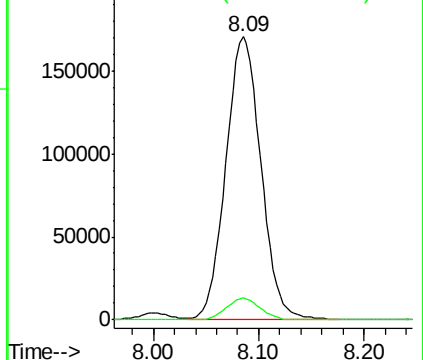


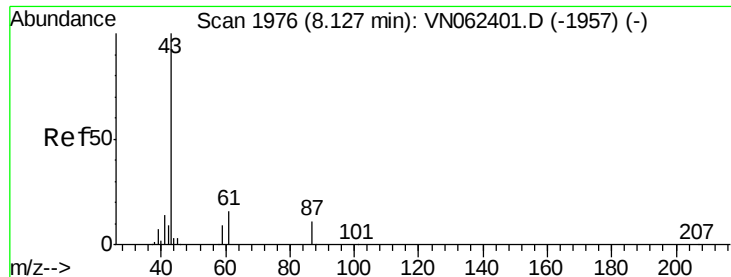
#42
1,2-Dichloroethane
Concen: 79.972 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Tgt Ion:	62	Resp:	390845
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN062402.D (-1870) (-)
Ion 97.90 (97.60 to 98.60): VN062402.D (-1870) (-)





#43

Isopropyl Acetate

Concen: 87.915 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

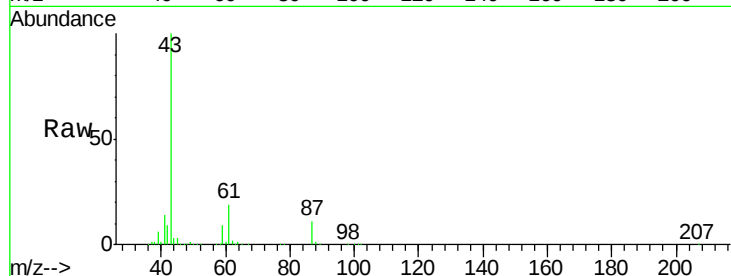
Tgt Ion: 43 Resp: 683683

Ion Ratio Lower Upper

43 100

61 24.9 19.3 28.9

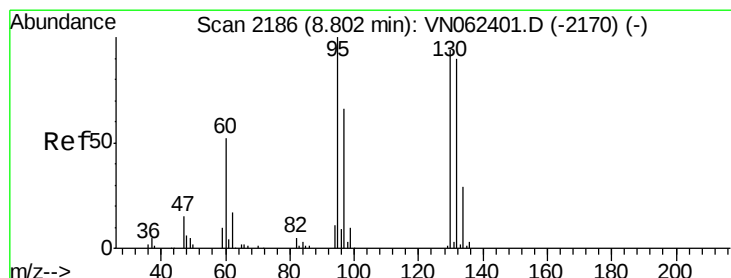
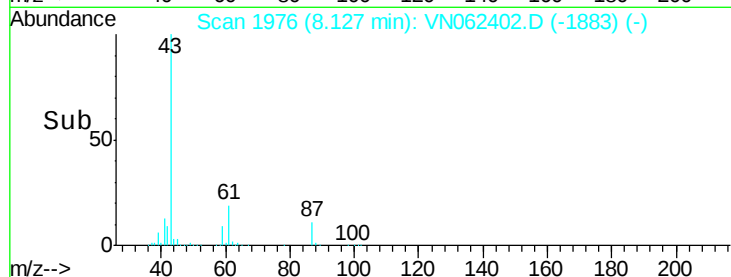
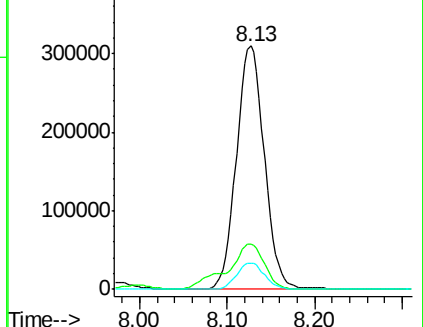
87 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062402.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062402.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062402.D (-1883) (-)



#44

Trichloroethene

Concen: 86.830 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062402.D

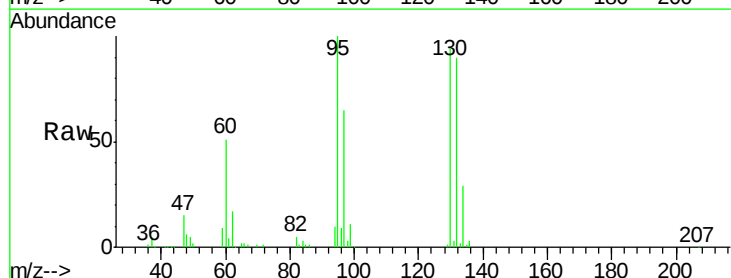
Acq: 8 Jul 2020 11:51

Tgt Ion: 130 Resp: 234500

Ion Ratio Lower Upper

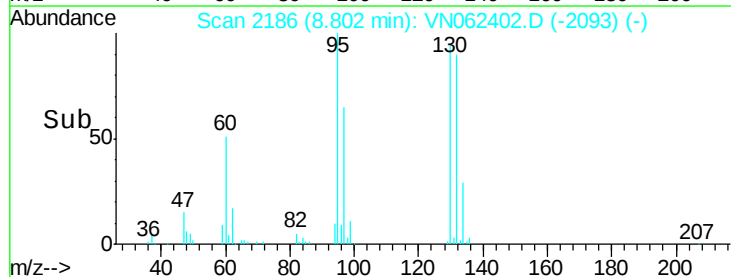
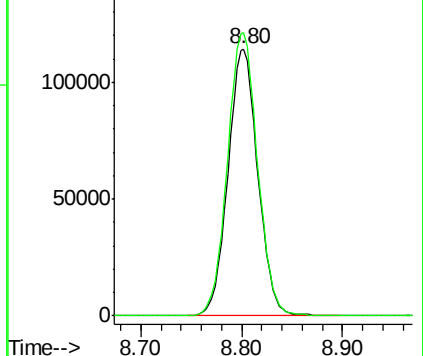
130 100

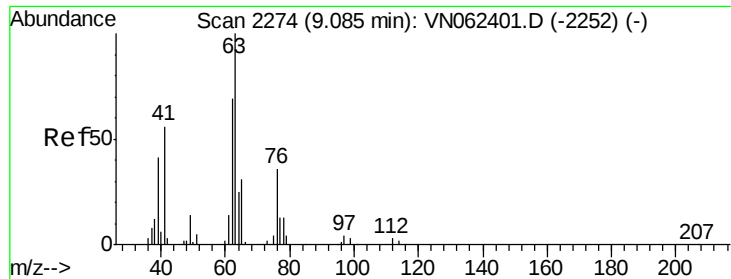
95 105.9 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062402.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062402.D (-2093) (-)

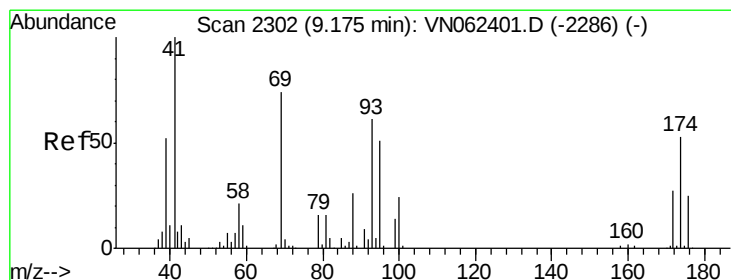
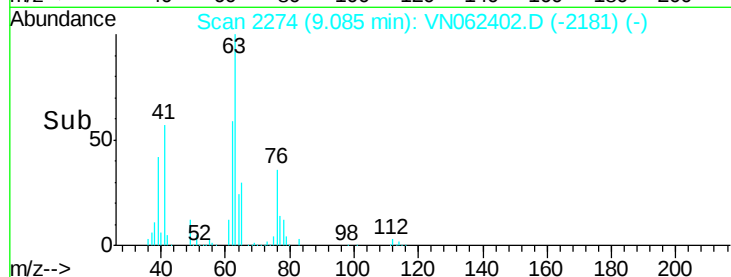
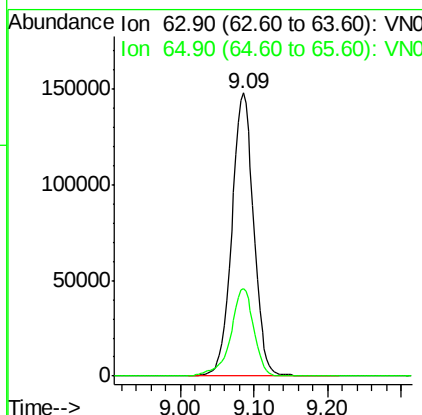
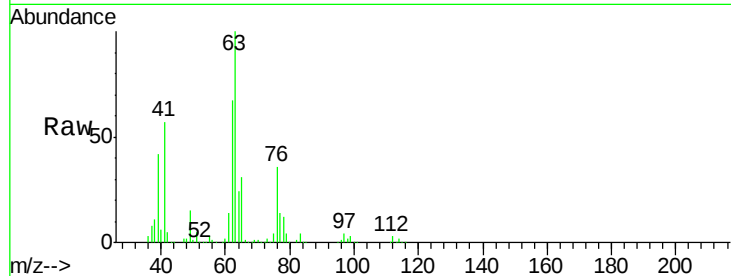




#45
 1,2-Dichloropropane
 Concen: 91.226 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

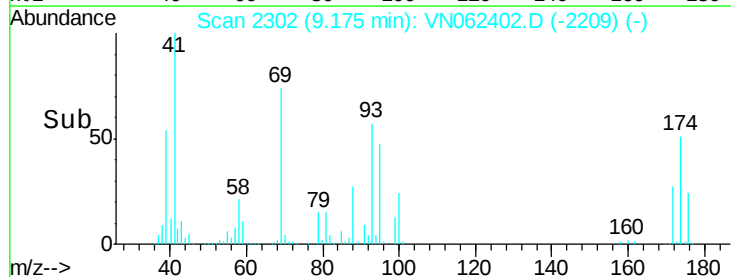
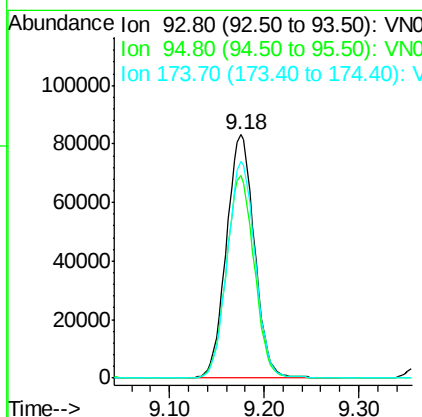
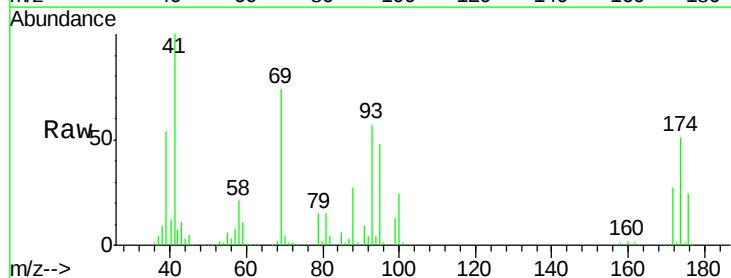
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

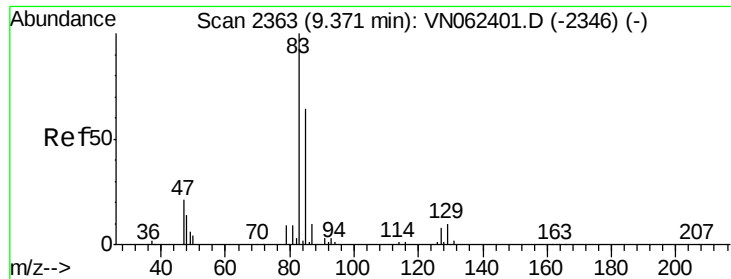
Tgt Ion: 63 Resp: 304427
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 84.280 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion: 93 Resp: 171662
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.1 100.7
 174 88.5 70.4 105.6





#47

Bromodichloromethane

Concen: 86.331 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

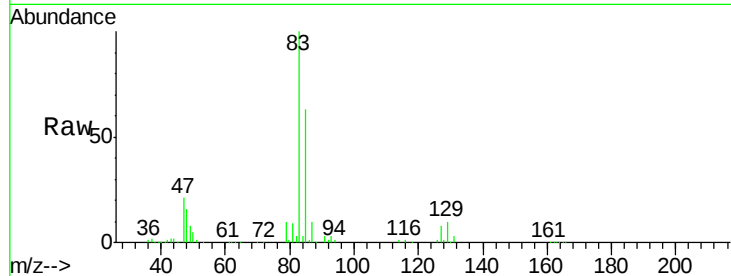
Tgt Ion: 83 Resp: 375098

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

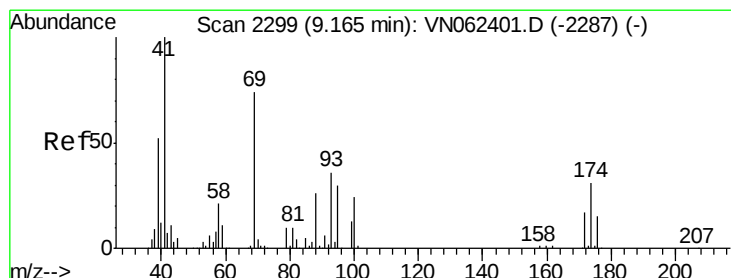
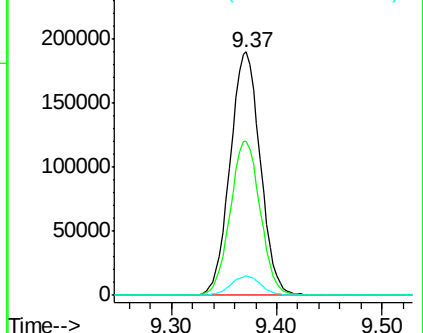
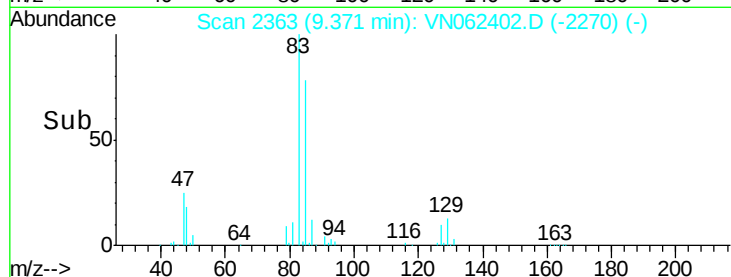
127 7.8 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062402.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062402.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062402.D (-2270) (-)



#48

Methyl methacrylate

Concen: 85.123 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

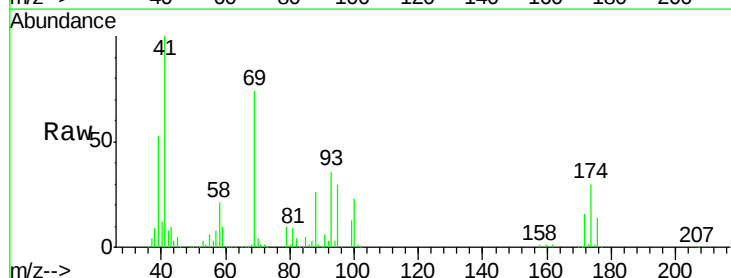
Tgt Ion: 41 Resp: 336450

Ion Ratio Lower Upper

41 100

69 76.3 60.8 91.2

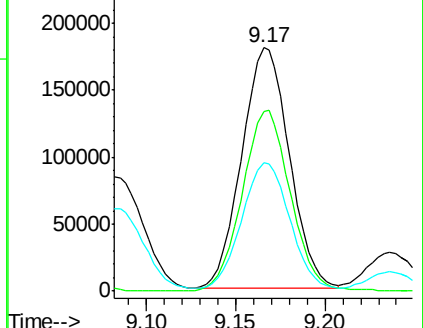
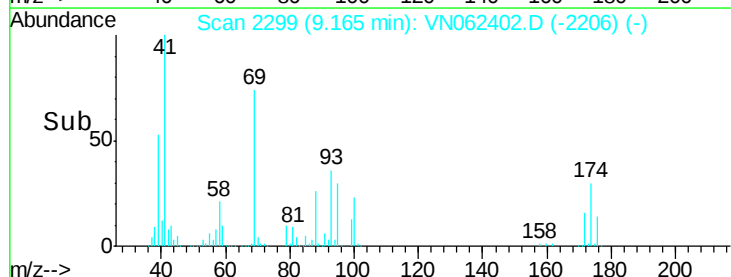
39 54.3 43.5 65.3

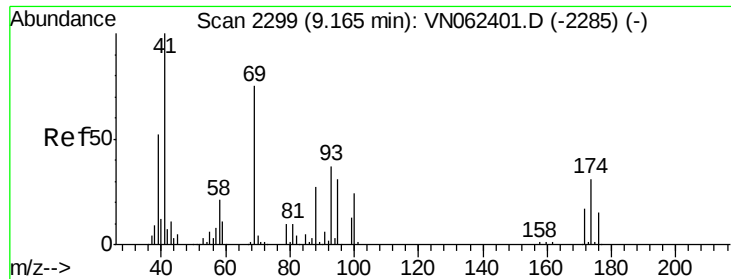


Abundance Ion 41.00 (40.70 to 41.70): VN062402.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062402.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062402.D (-2206) (-)

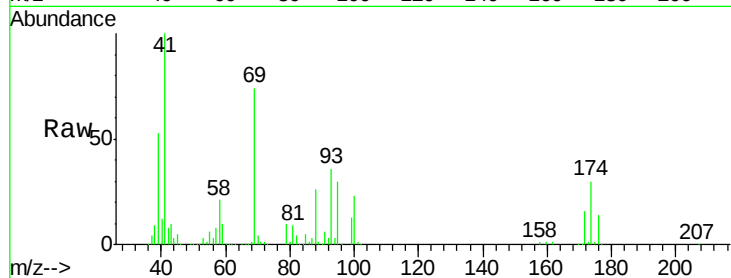




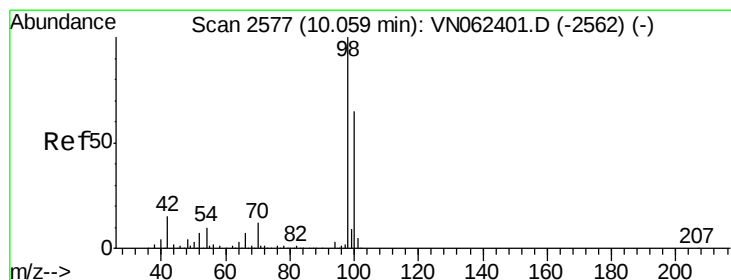
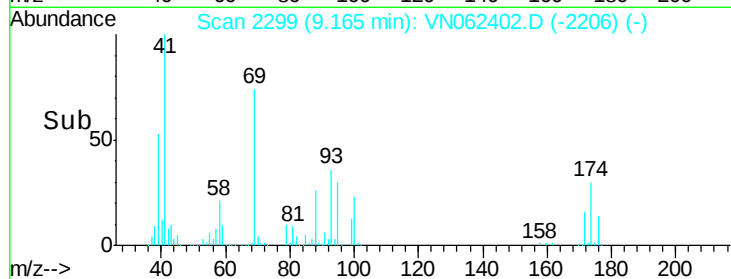
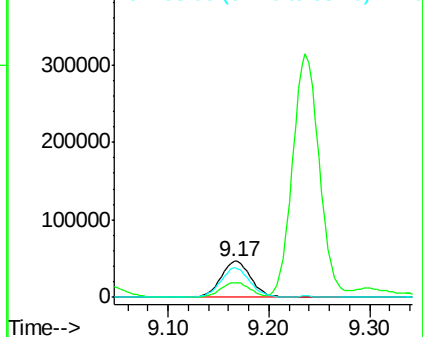
#49
1,4-Dioxane
Concen: 1789.397 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 97179
Ion Ratio Lower Upper
88 100
43 39.4 31.0 46.4
58 79.8 63.3 94.9

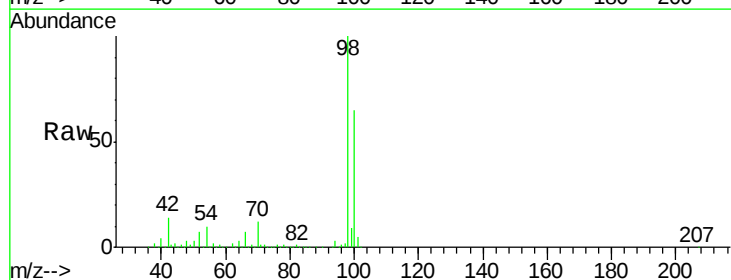


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

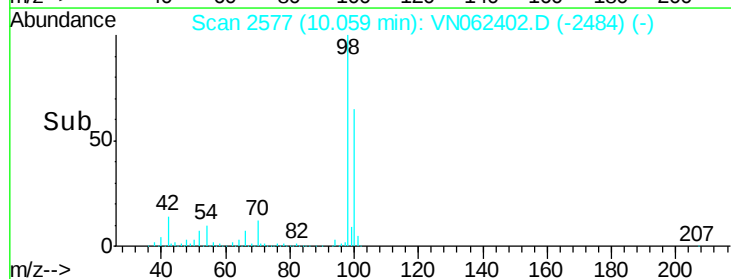
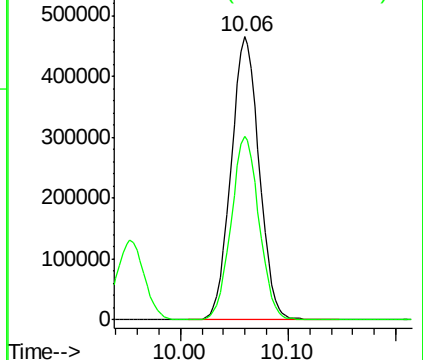


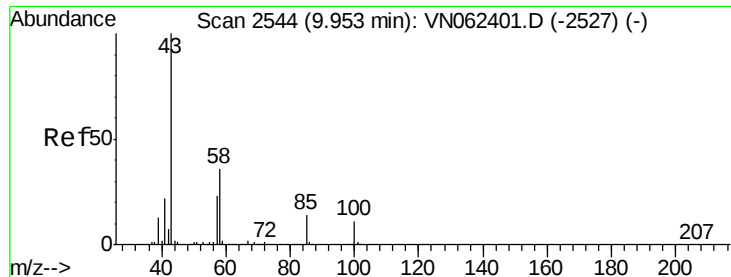
#50
Toluene-d8
Concen: 89.079 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Tgt Ion: 98 Resp: 845689
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



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: 490.954 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

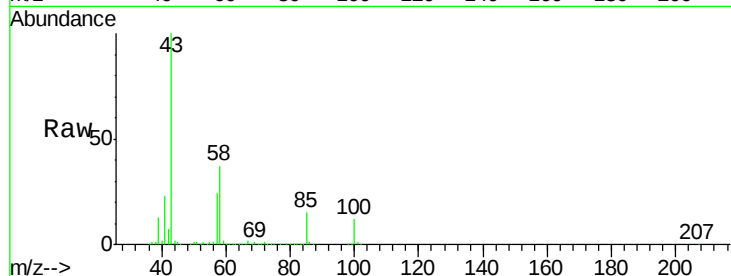
VSTDIC100

Tgt Ion: 43 Resp: 2059036

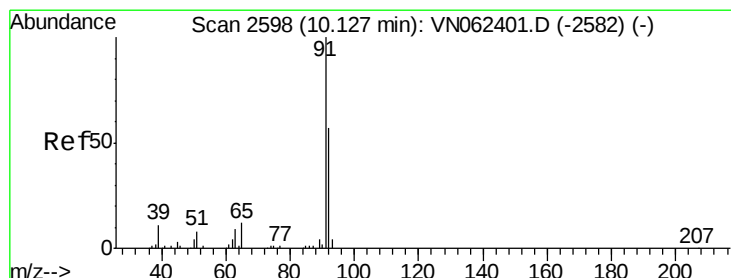
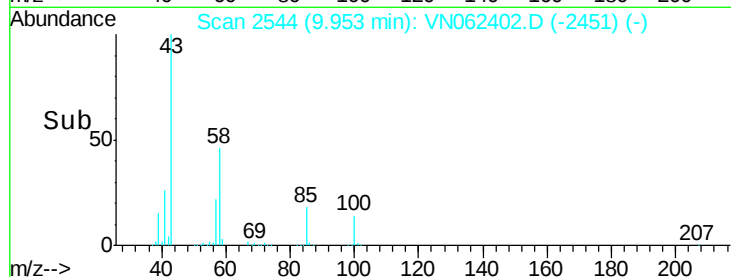
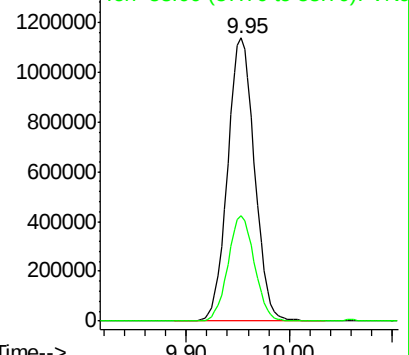
Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-2527) (-)



#52

Toluene

Concen: 92.053 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062402.D

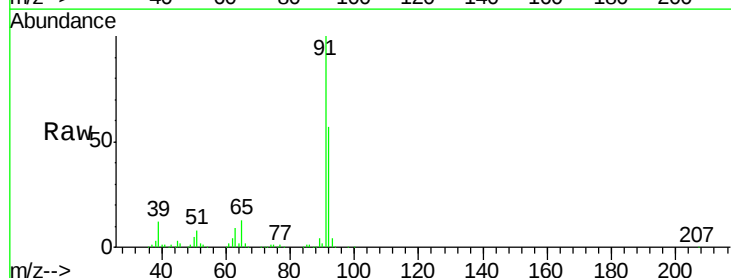
Acq: 8 Jul 2020 11:51

Tgt Ion: 92 Resp: 620816

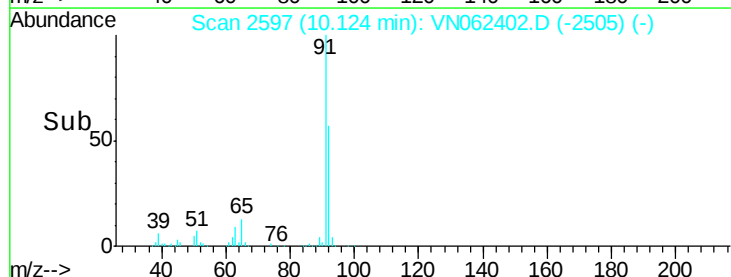
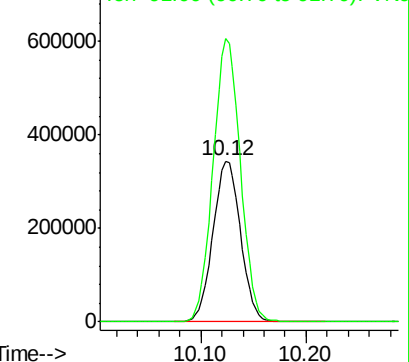
Ion Ratio Lower Upper

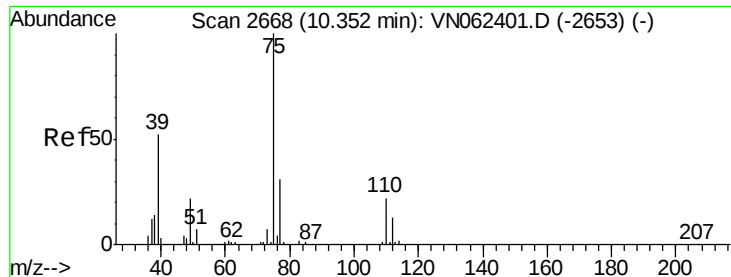
92 100

91 175.3 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062401.D (-2582) (-)





#53

t-1,3-Dichloropropene

Concen: 94.522 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

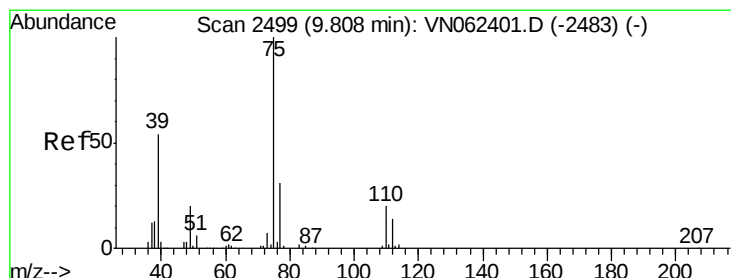
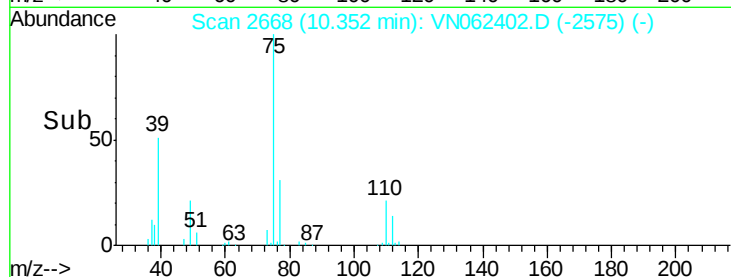
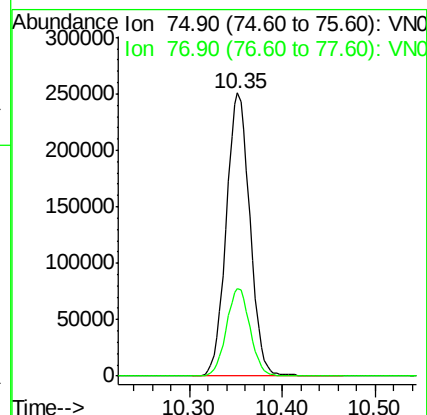
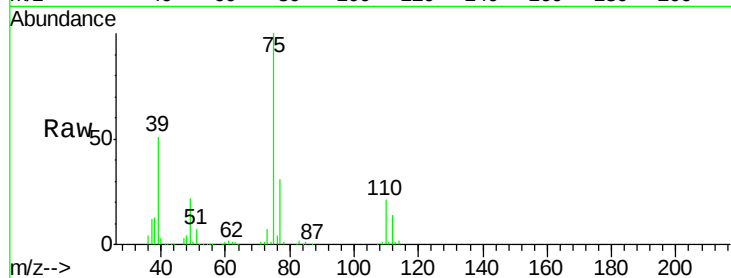
VSTDICC100

Tgt Ion: 75 Resp: 442181

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 94.329 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

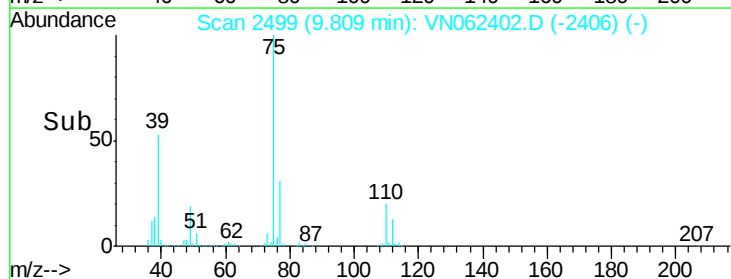
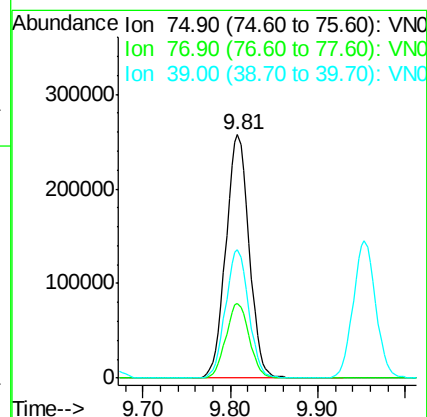
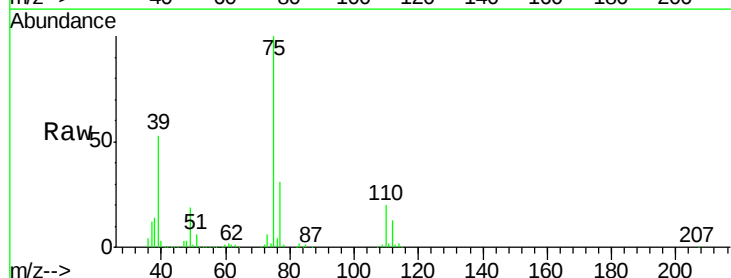
Tgt Ion: 75 Resp: 474954

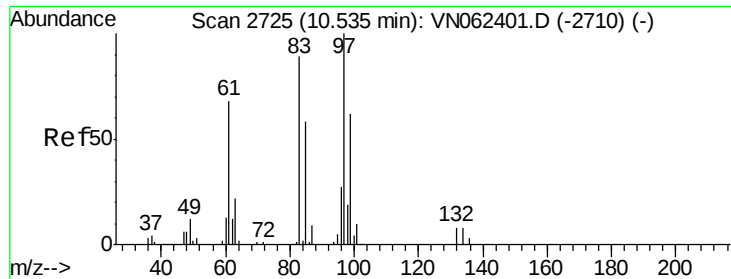
Ion Ratio Lower Upper

75 100

77 30.5 24.5 36.7

39 52.6 43.4 65.0

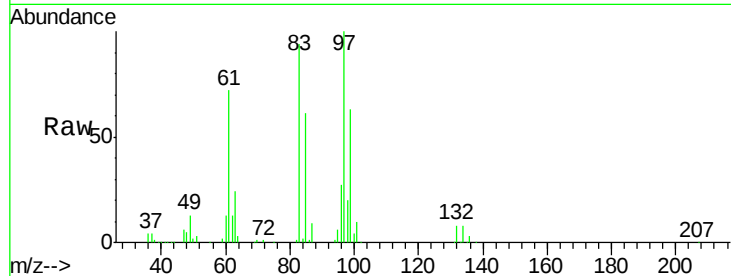




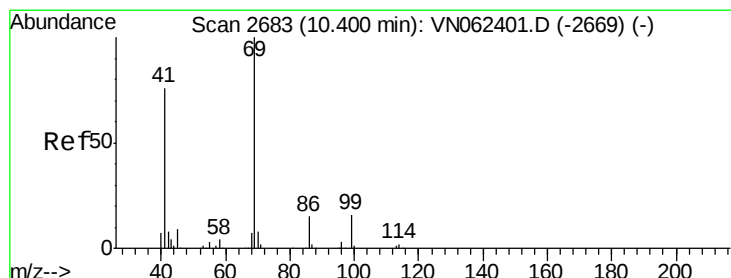
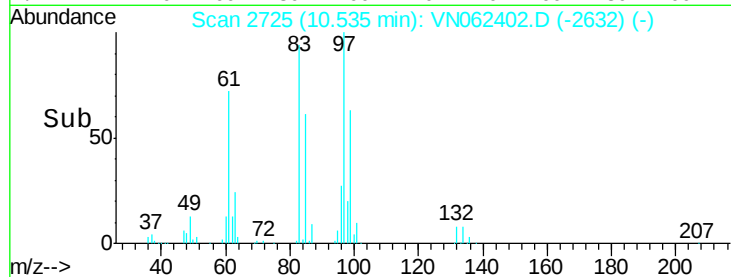
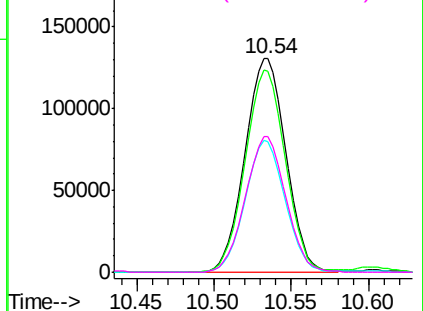
#55
 1,1,2-Trichloroethane
 Concen: 88.685 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	241088
Ion	Ratio	Lower	Upper
97	100		
83	94.0	71.0	106.4
85	60.9	46.2	69.4
99	63.4	49.7	74.5

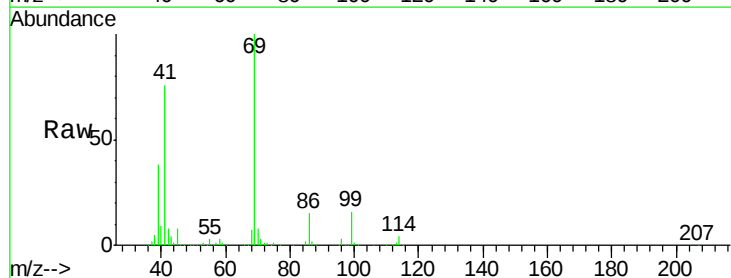


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

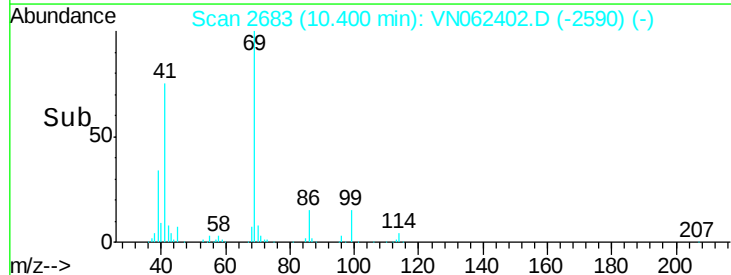
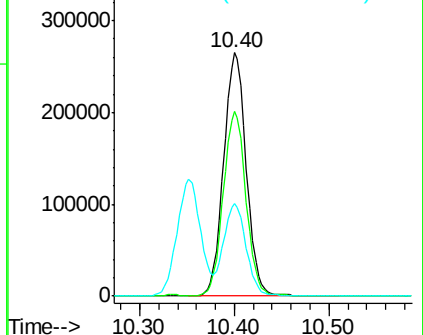


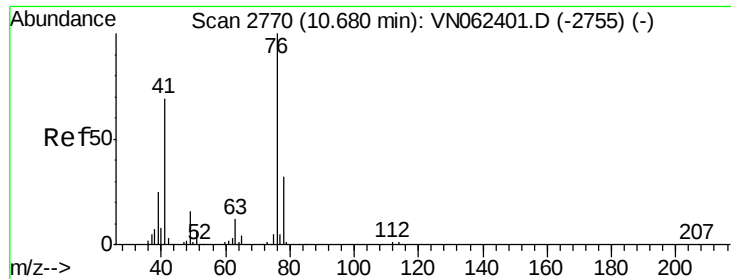
#56
 Ethyl methacrylate
 Concen: 100.464 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion:	69	Resp:	440844
Ion	Ratio	Lower	Upper
69	100		
41	75.6	59.7	89.5
39	37.8	30.6	45.8



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

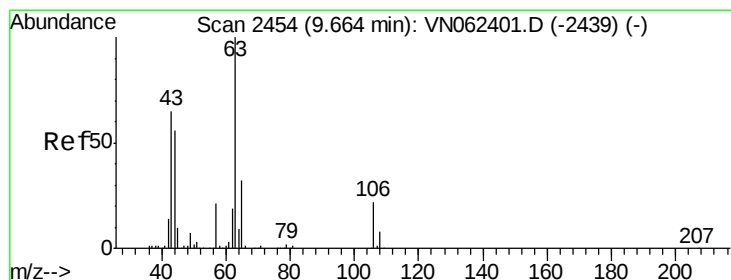
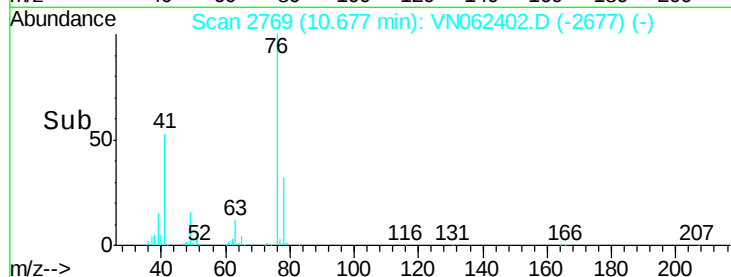
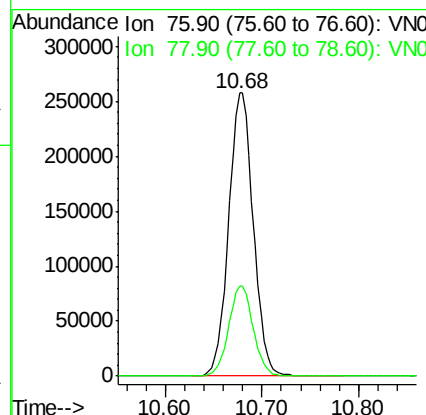
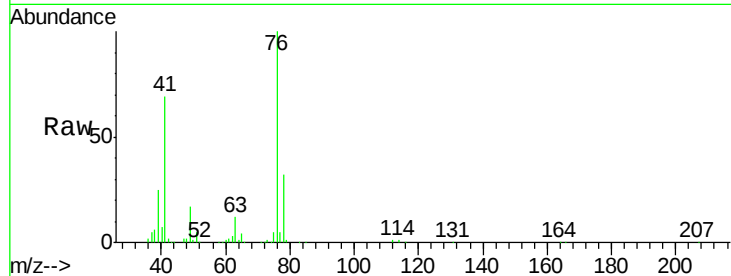




#57
 1,3-Dichloropropane
 Concen: 90.283 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

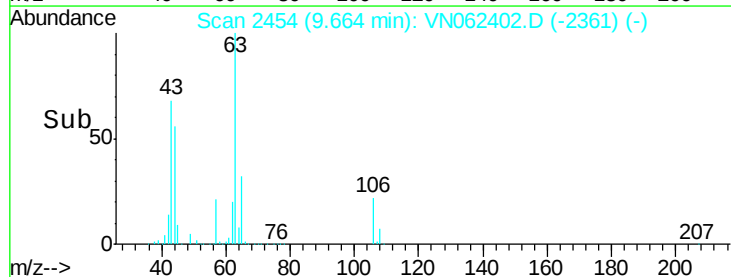
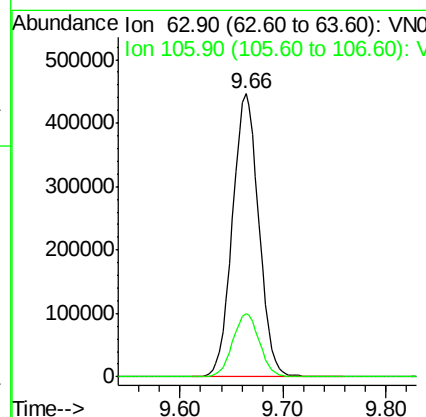
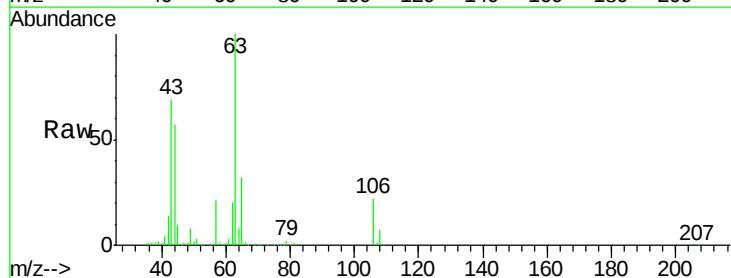
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

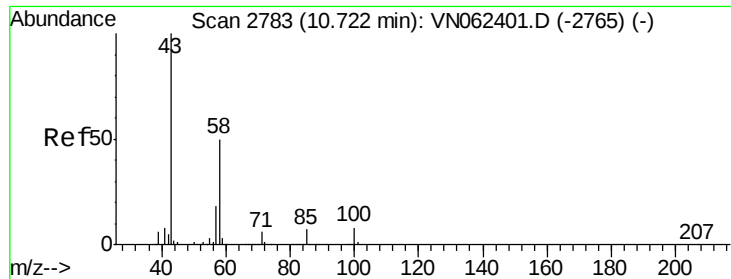
Tgt Ion: 76 Resp: 454099
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 512.379 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion: 63 Resp: 795711
 Ion Ratio Lower Upper
 63 100
 106 22.7 17.6 26.4

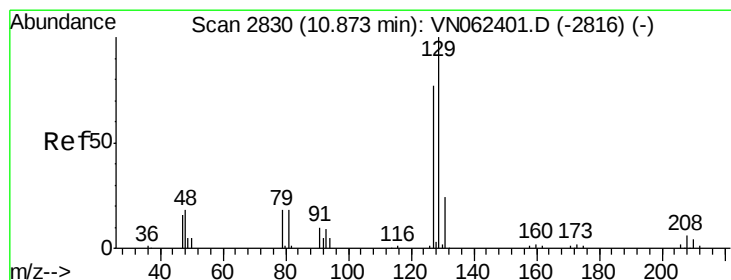
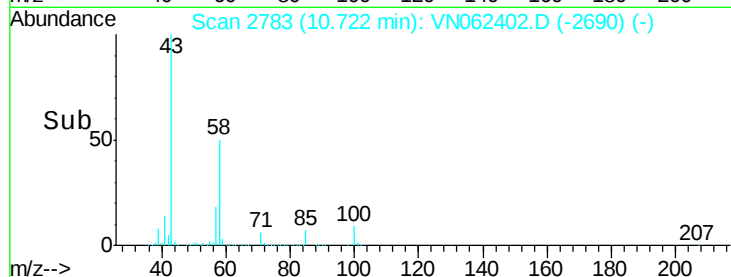
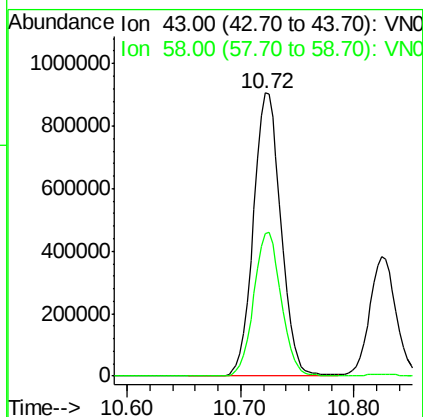
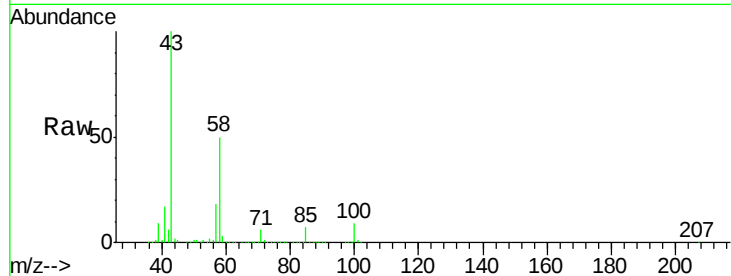




#59
2-Hexanone
Concen: 485.638 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

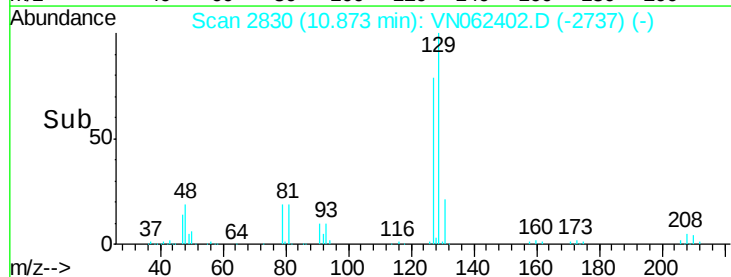
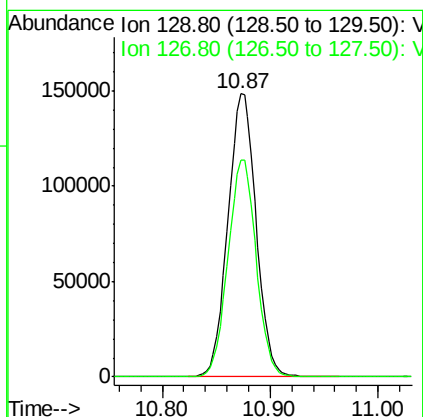
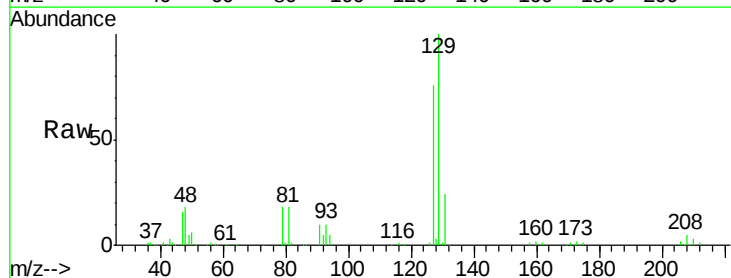
Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

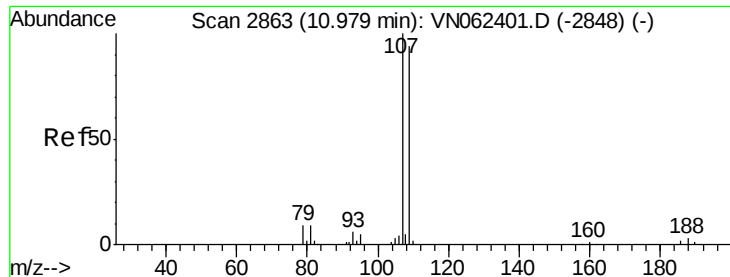
Tgt Ion: 43 Resp: 1529341
Ion Ratio Lower Upper
43 100
58 50.7 25.1 75.2



#60
Dibromochloromethane
Concen: 88.480 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Tgt Ion: 129 Resp: 270977
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8

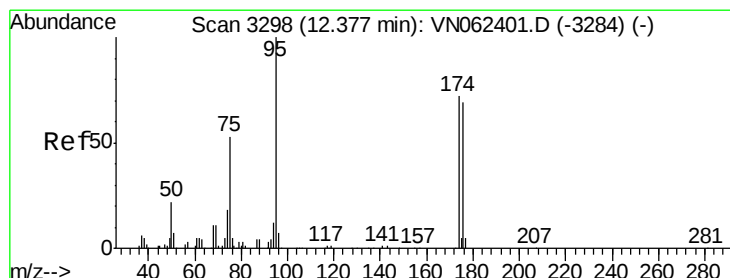
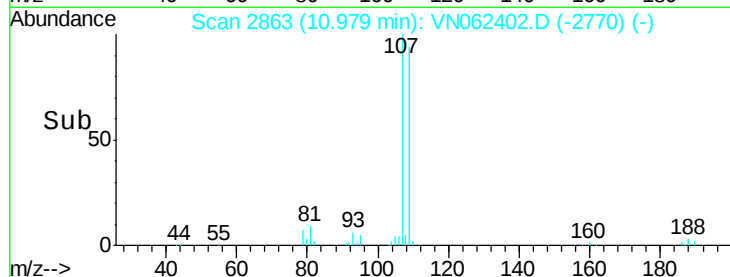
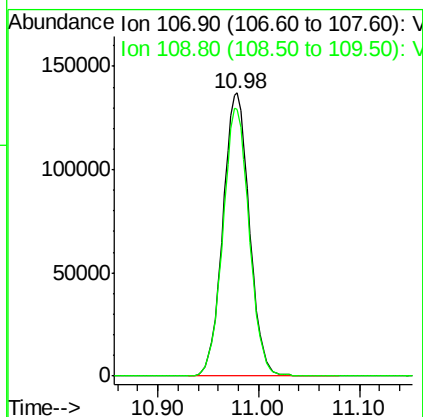
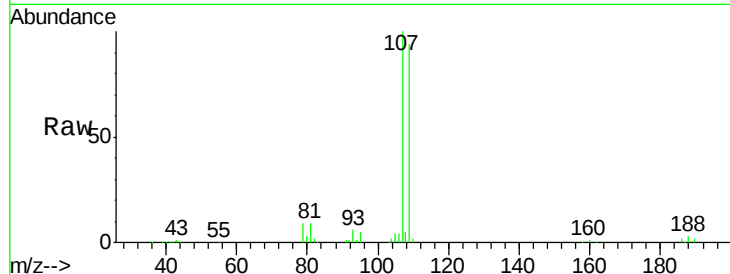




#61
 1,2-Dibromoethane
 Concen: 90.480 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

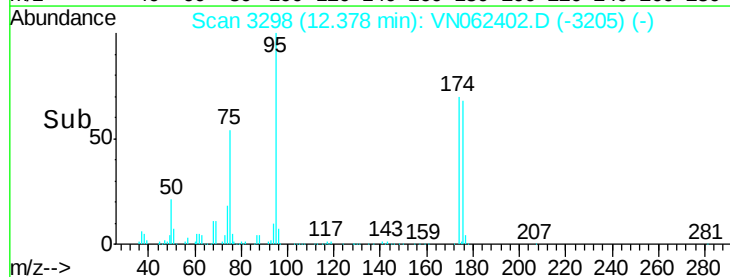
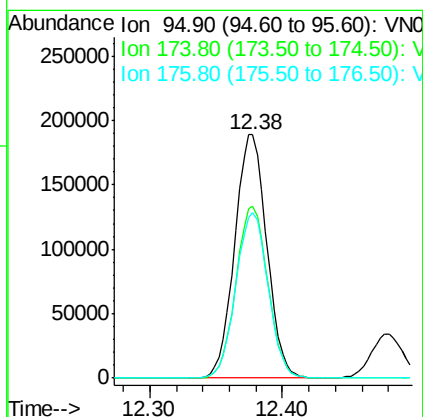
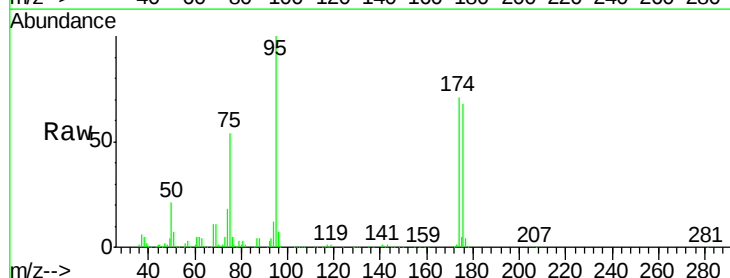
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

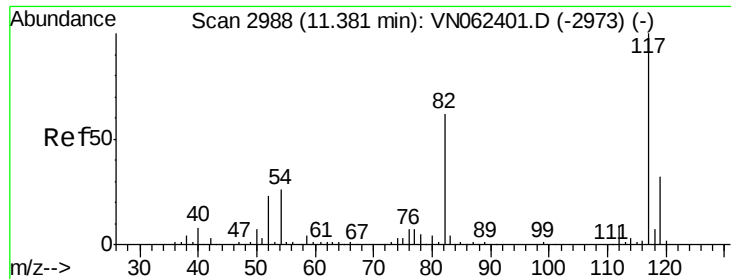
Tgt Ion: 107 Resp: 251318
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 87.906 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion: 95 Resp: 317746
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 141.6
 176 68.1 0.0 137.2

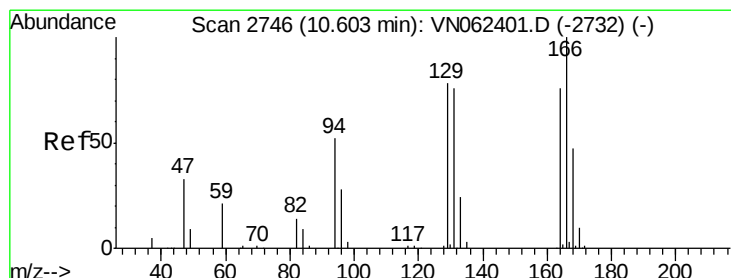
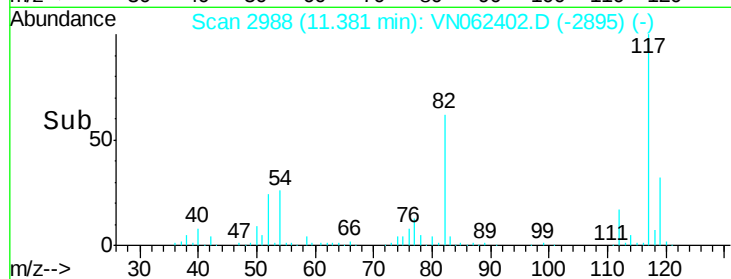
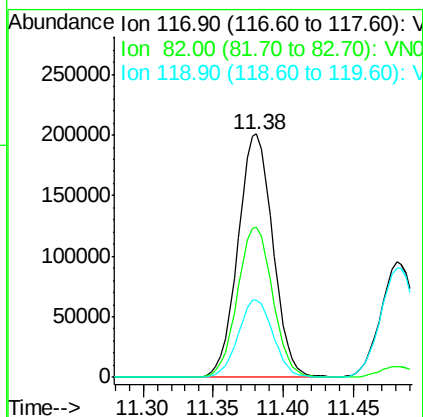
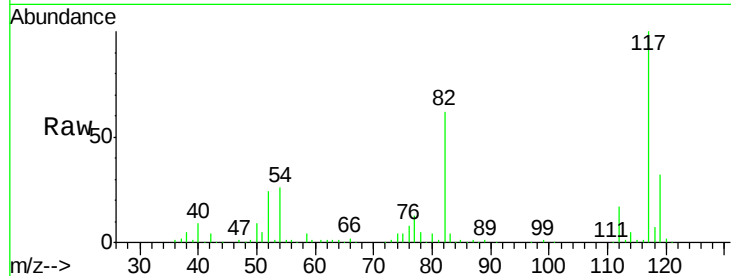




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

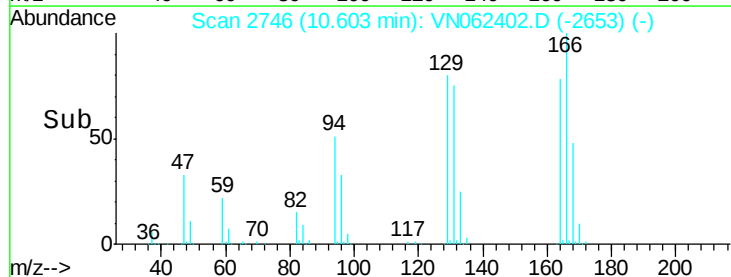
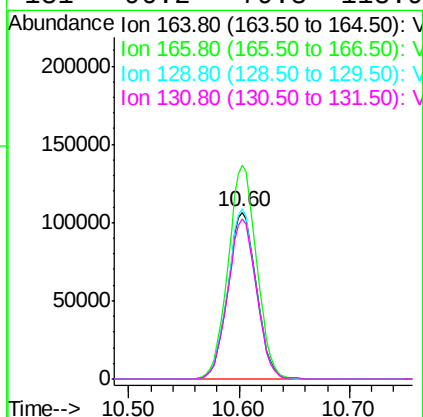
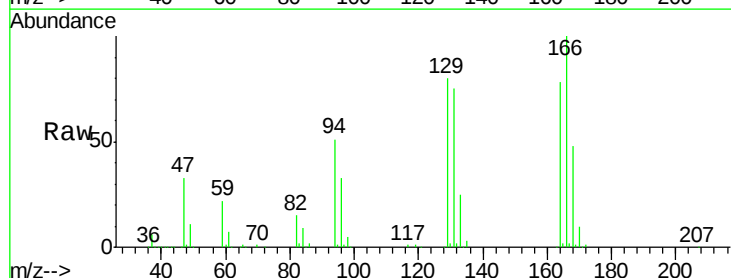
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

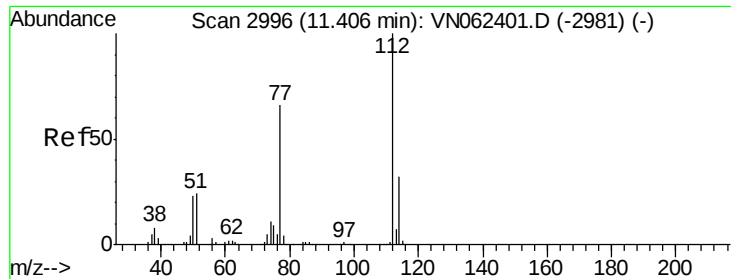
Tgt Ion:117 Resp: 348965
Ion Ratio Lower Upper
117 100
82 61.9 49.6 74.4
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 84.777 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Tgt Ion:164 Resp: 190759
Ion Ratio Lower Upper
164 100
166 128.2 104.9 157.3
129 102.1 81.8 122.6
131 96.2 79.3 118.9





#65

Chlorobenzene

Concen: 88.875 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

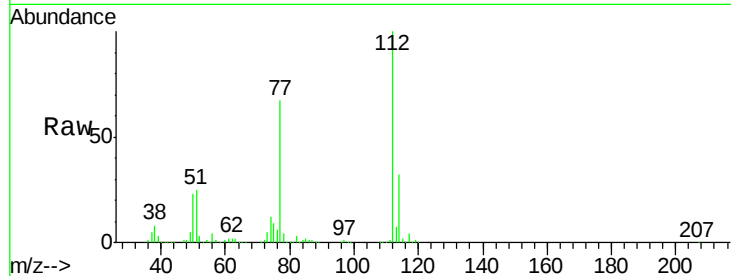
VSTDIC100

Tgt Ion:112 Resp: 638935

Ion Ratio Lower Upper

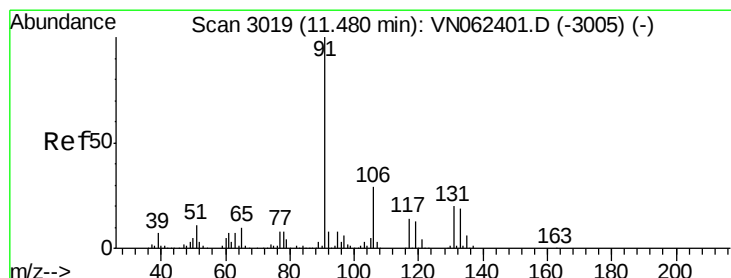
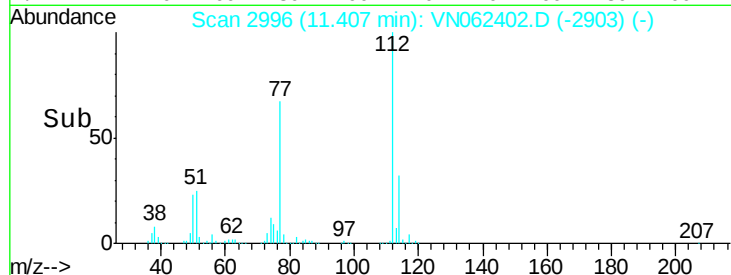
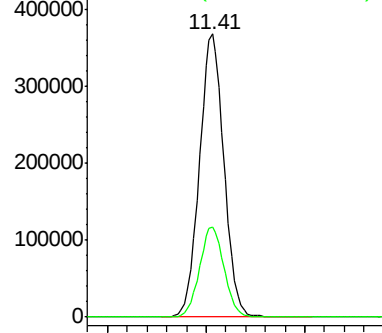
112 100

114 31.8 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 88.160 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

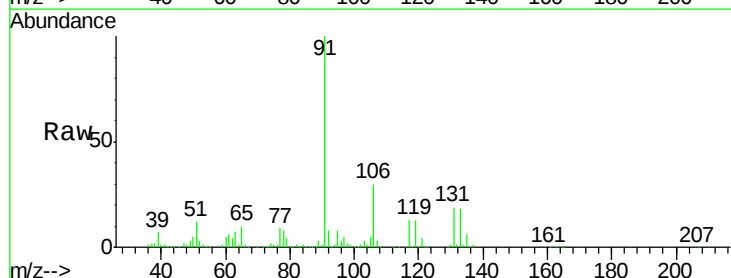
Tgt Ion:131 Resp: 237783

Ion Ratio Lower Upper

131 100

133 95.5 46.9 140.8

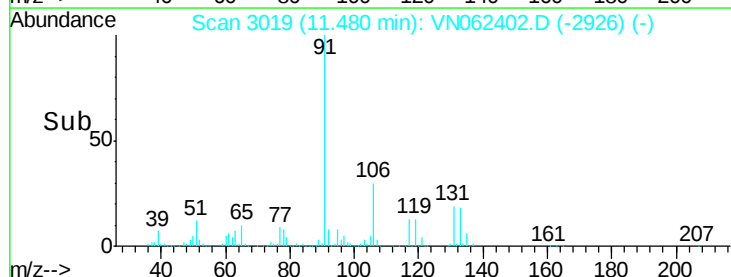
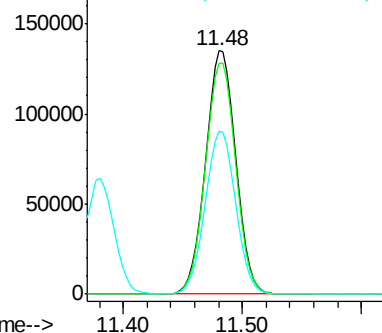
119 67.8 33.2 99.6

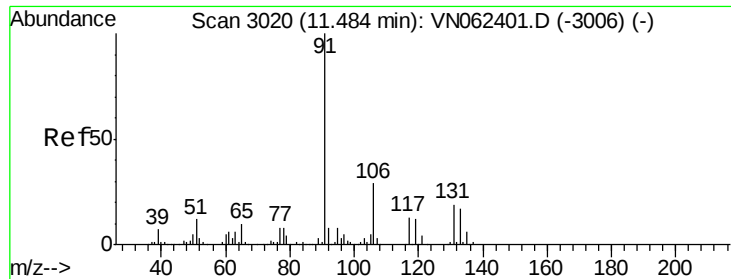


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 97.248 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

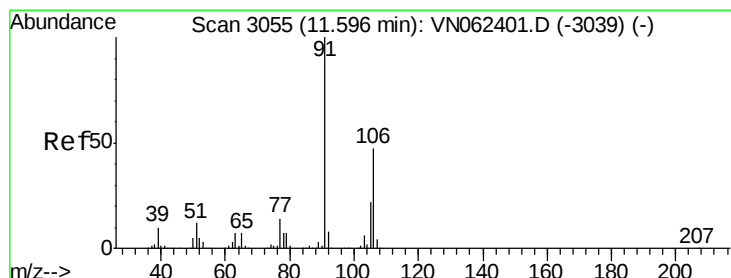
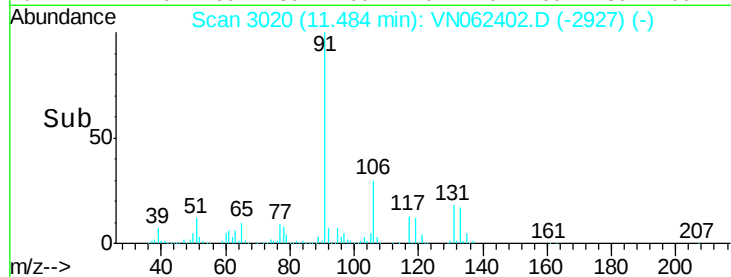
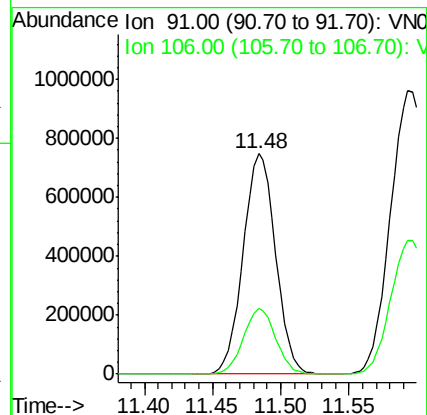
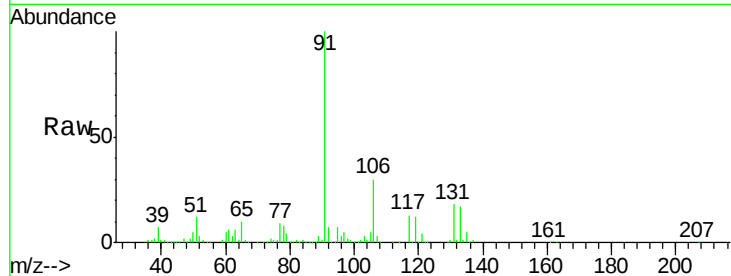
VSTDIC100

Tgt Ion: 91 Resp: 1236919

Ion Ratio Lower Upper

91 100

106 29.7 23.4 35.2



#68

m/p-Xylenes

Concen: 190.589 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062402.D

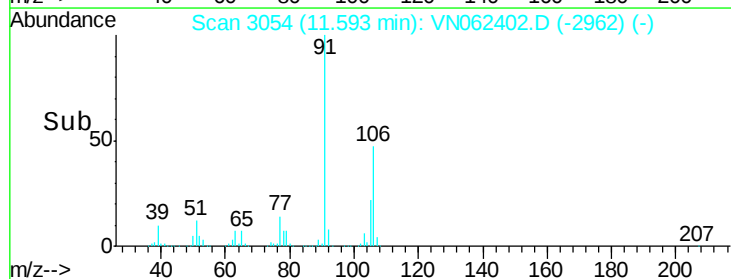
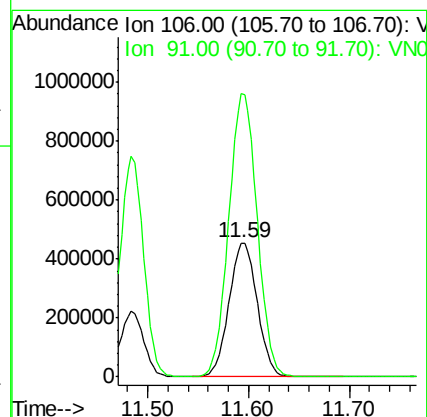
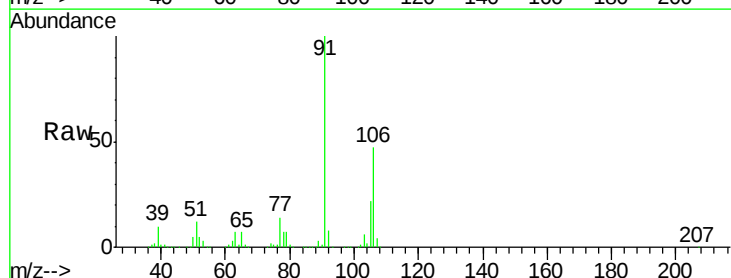
Acq: 8 Jul 2020 11:51

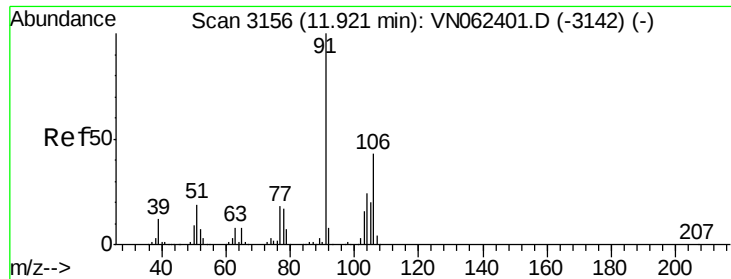
Tgt Ion: 106 Resp: 886273

Ion Ratio Lower Upper

106 100

91 213.5 172.4 258.6

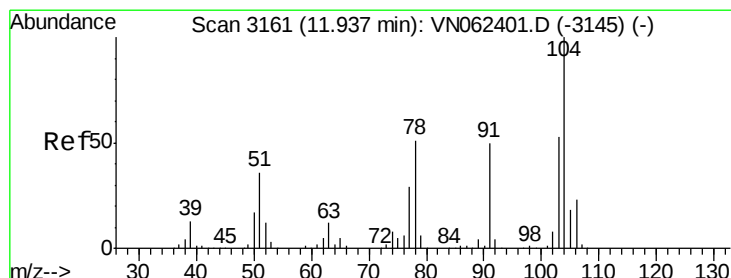
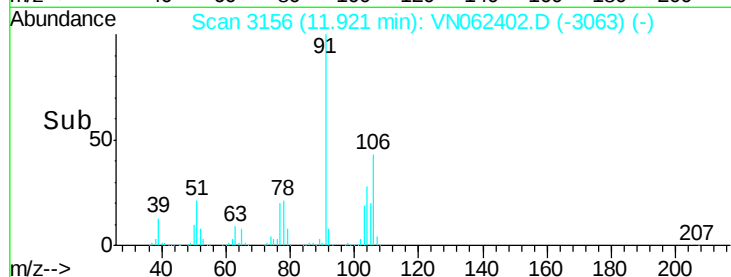
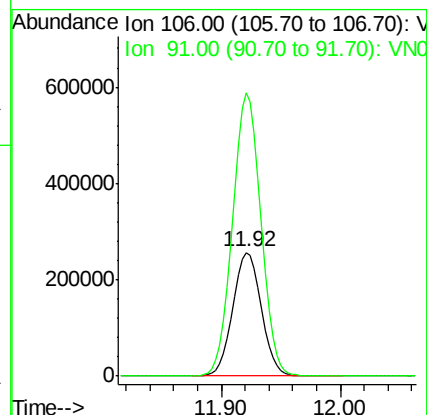
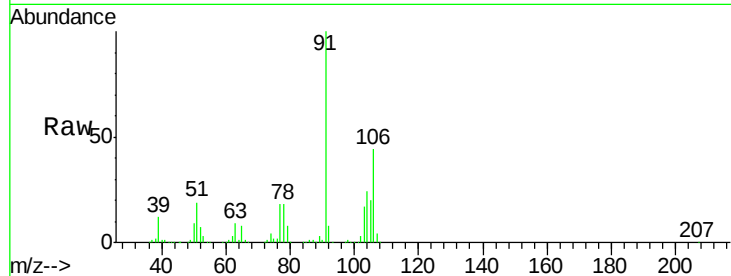




#69
o-Xylene
Concen: 92.804 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

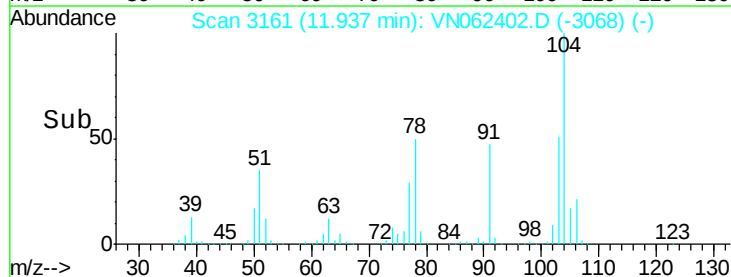
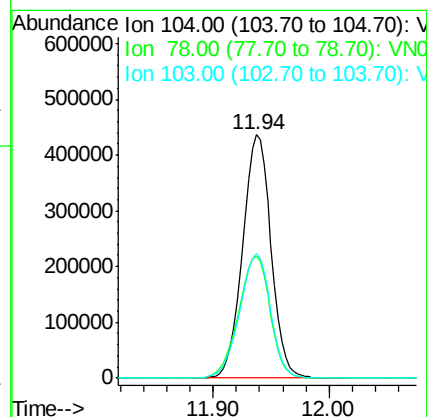
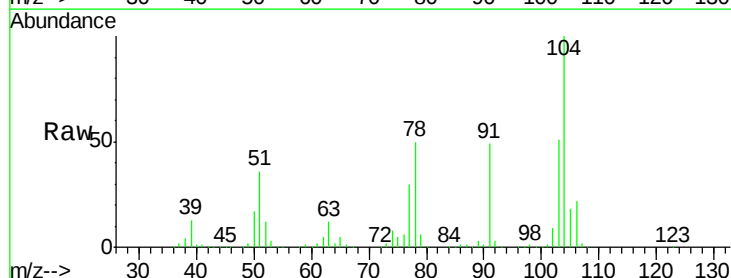
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

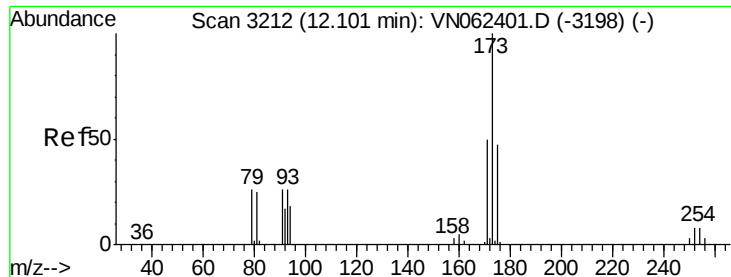
Tgt Ion:106 Resp: 425690
Ion Ratio Lower Upper
106 100
91 227.8 113.8 341.4



#70
Styrene
Concen: 97.604 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Tgt Ion:104 Resp: 739914
Ion Ratio Lower Upper
104 100
78 55.8 44.2 66.4
103 55.5 44.4 66.6





#71

Bromoform

Concen: 88.407 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

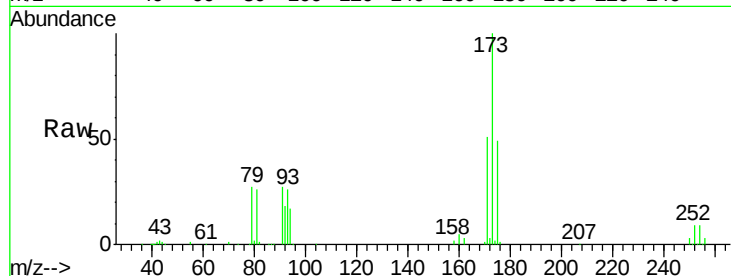
Tgt Ion:173 Resp: 186011

Ion Ratio Lower Upper

173 100

175 48.8 23.7 71.1

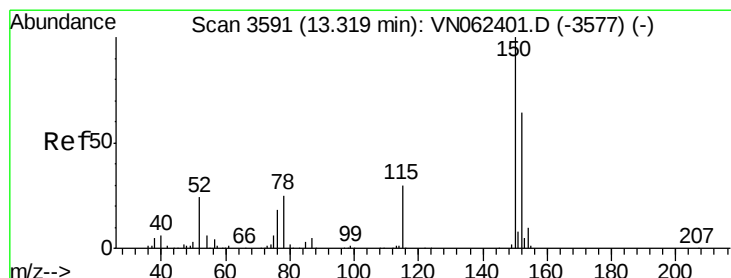
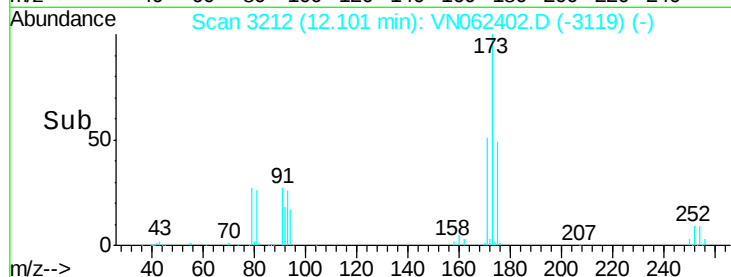
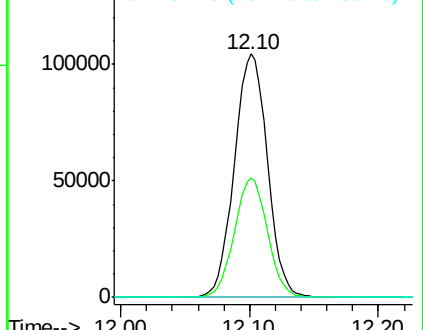
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

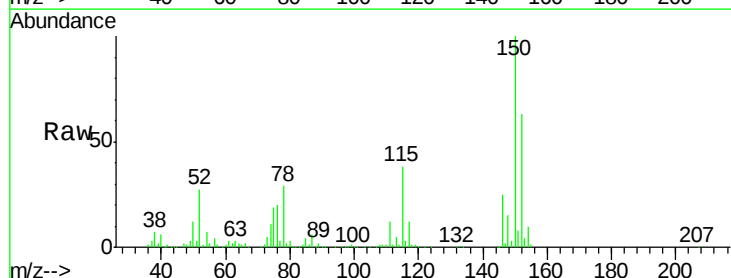
Tgt Ion:152 Resp: 166447

Ion Ratio Lower Upper

152 100

115 61.7 31.4 94.2

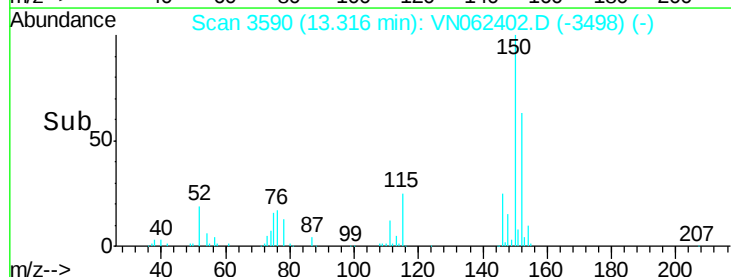
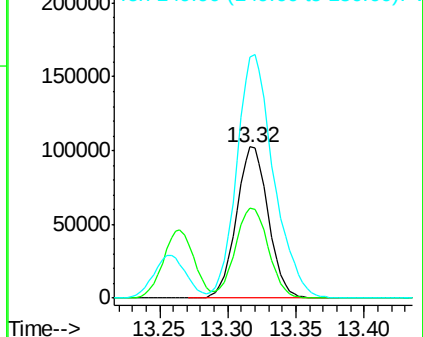
150 186.0 0.0 347.4

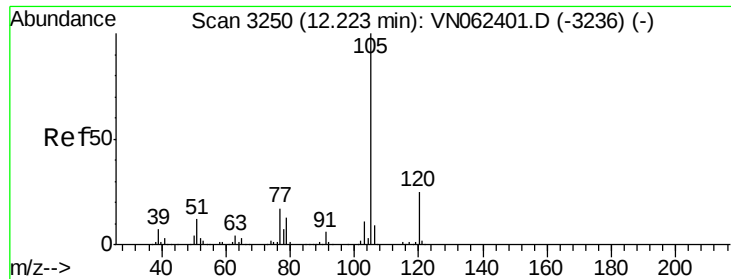


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 92.020 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

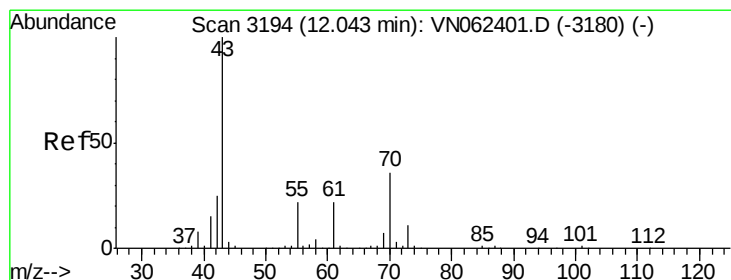
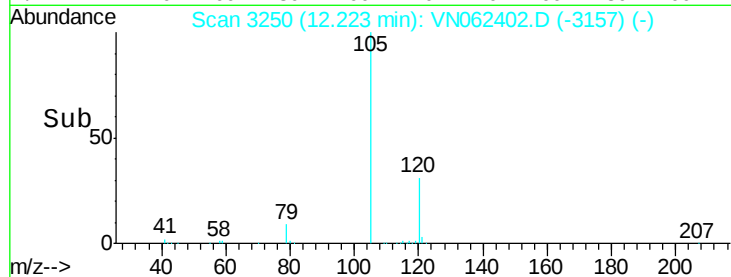
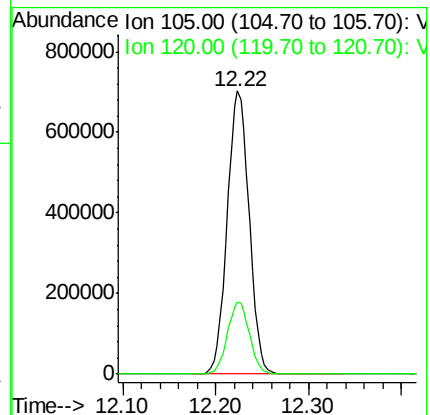
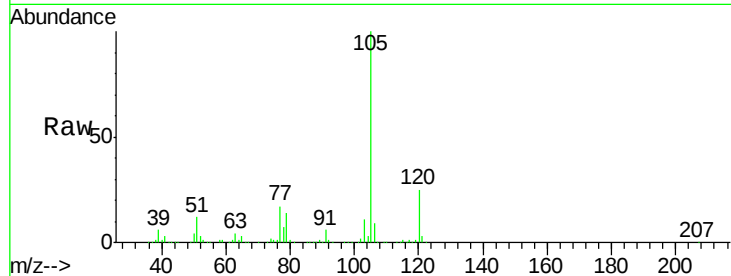
VSTDIC100

Tgt Ion: 105 Resp: 1149121

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.1



#74

N-ethyl acetate

Concen: 93.993 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Tgt Ion: 43 Resp: 621798

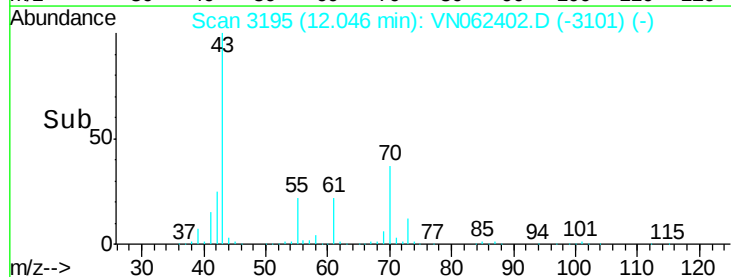
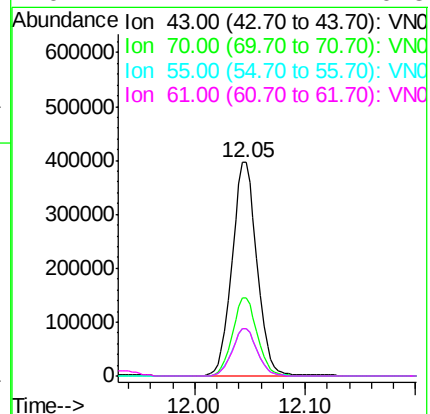
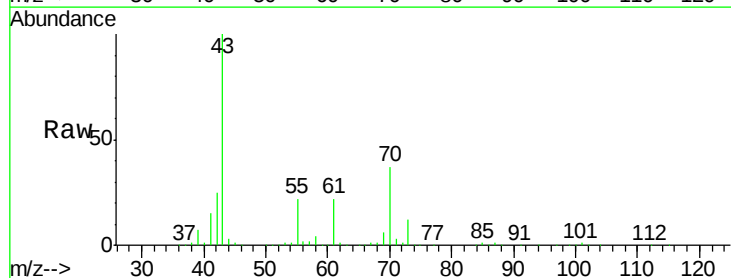
Ion Ratio Lower Upper

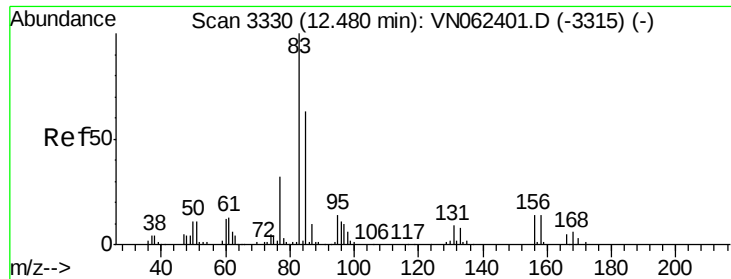
43 100

70 36.6 30.0 45.0

55 22.5 18.2 27.4

61 22.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 86.646 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

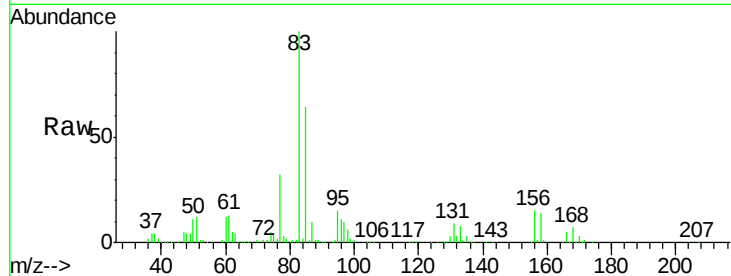
Tgt Ion: 83 Resp: 379042

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.5

85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062402.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062402.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062402.D (-3237) (-)

12.48

250000

200000

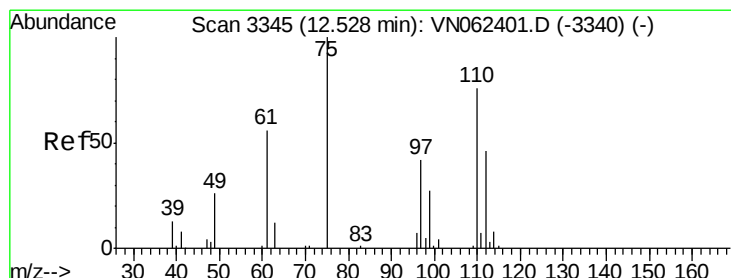
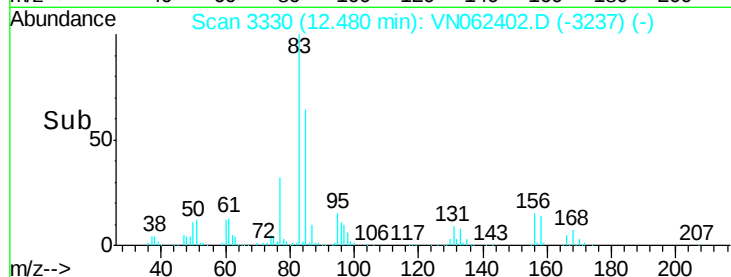
150000

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 127.593 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062402.D

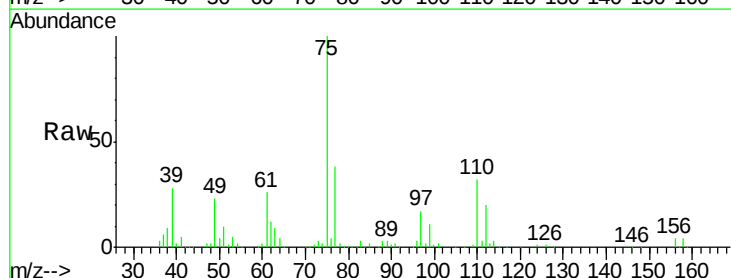
Acq: 8 Jul 2020 11:51

Tgt Ion: 75 Resp: 513304

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062402.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062402.D (-3252) (-)

12.53

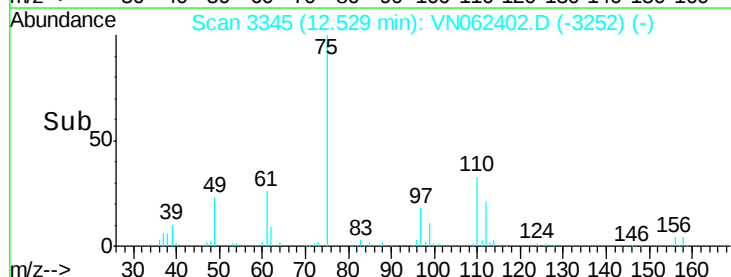
300000

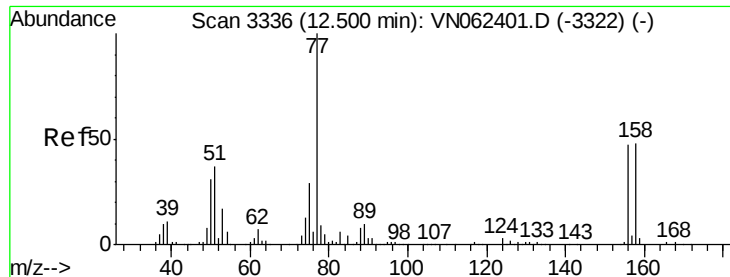
200000

100000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 89.918 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

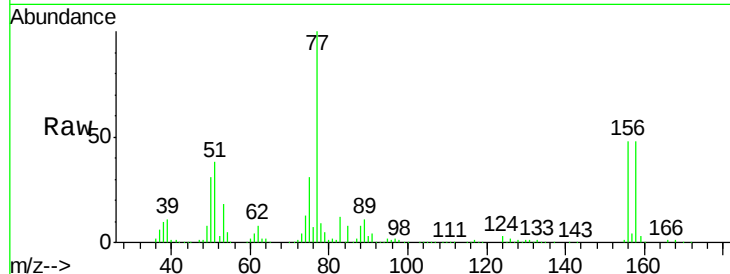
Tgt Ion:156 Resp: 264602

Ion Ratio Lower Upper

156 100

77 249.4 126.4 379.3

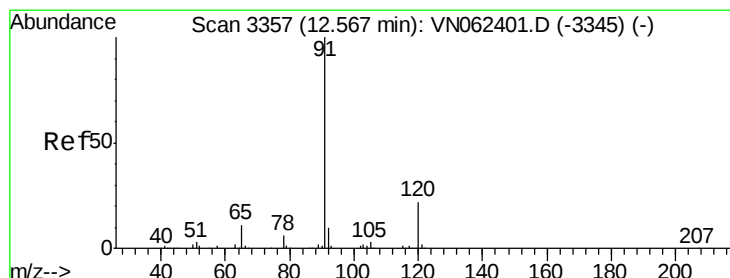
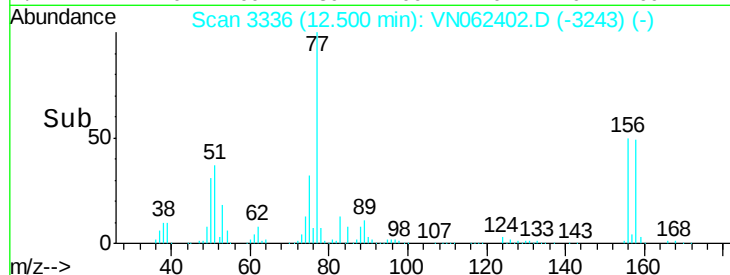
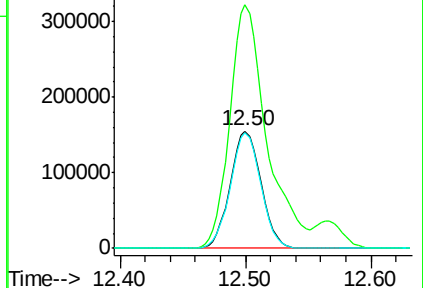
158 97.2 49.8 149.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 97.558 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062402.D

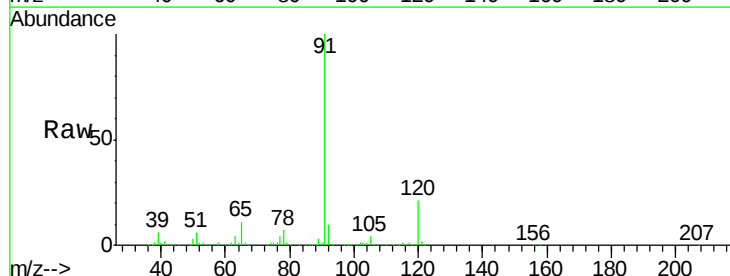
Acq: 8 Jul 2020 11:51

Tgt Ion: 91 Resp: 1390726

Ion Ratio Lower Upper

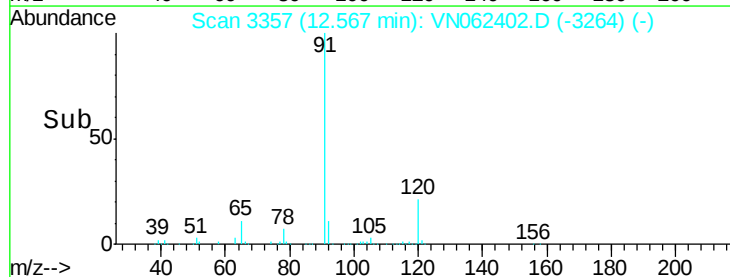
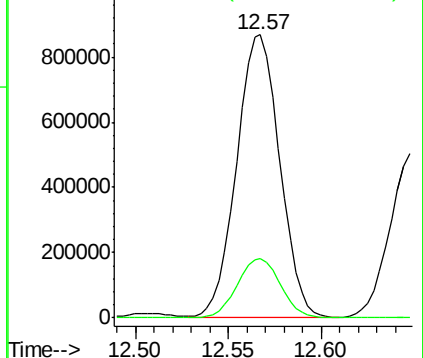
91 100

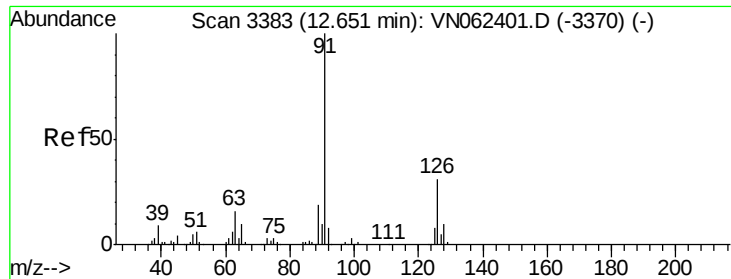
120 21.2 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 91.451 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

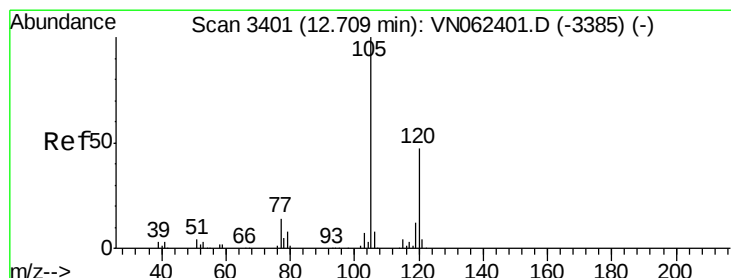
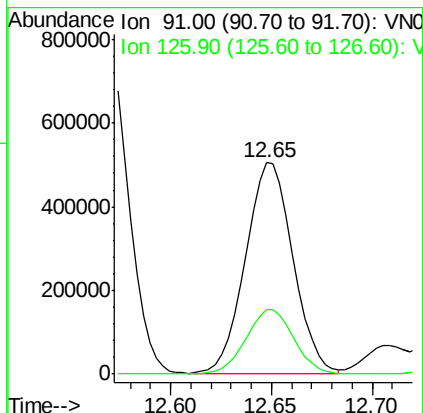
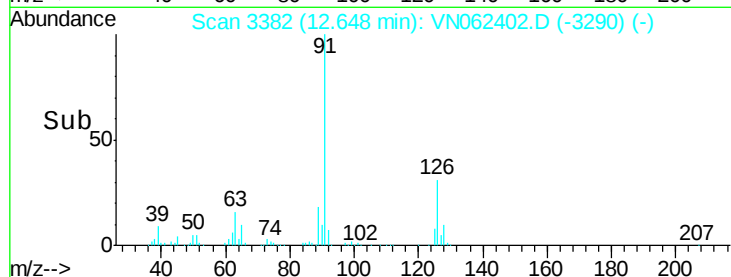
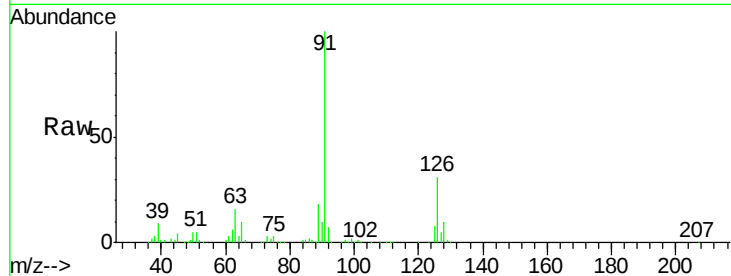
VSTDIC100

Tgt Ion: 91 Resp: 828348

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 93.539 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062402.D

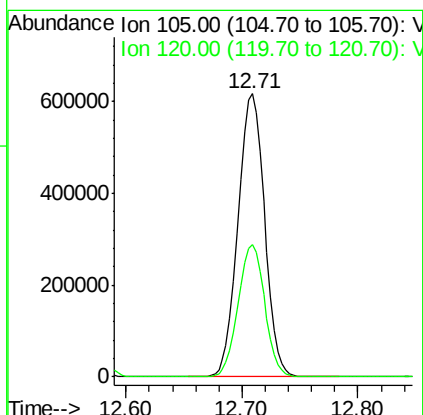
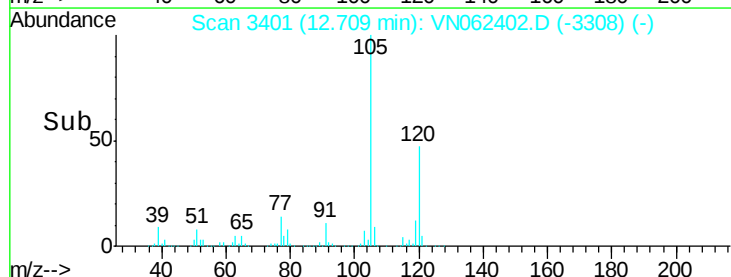
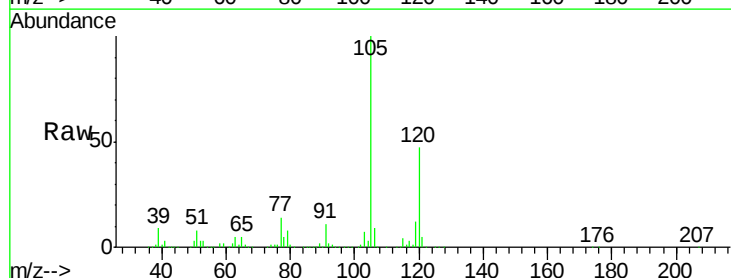
Acq: 8 Jul 2020 11:51

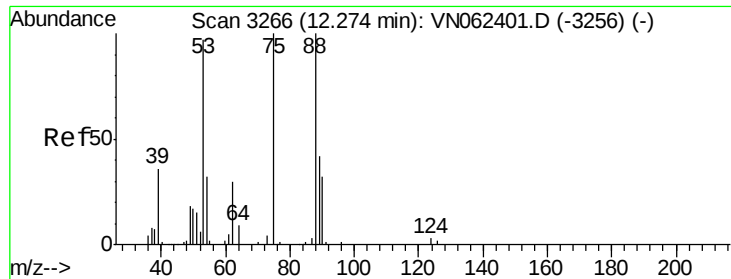
Tgt Ion: 105 Resp: 978314

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 99.432 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

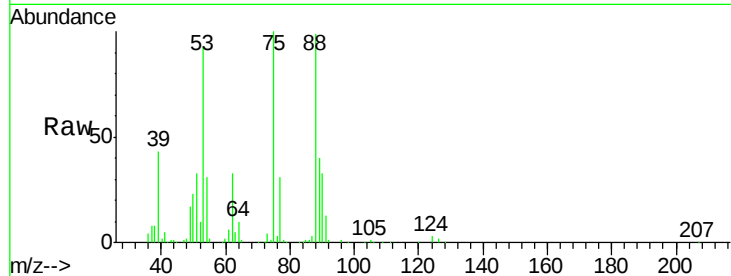
Tgt Ion: 75 Resp: 143833

Ion Ratio Lower Upper

75 100

53 95.5 79.2 118.8

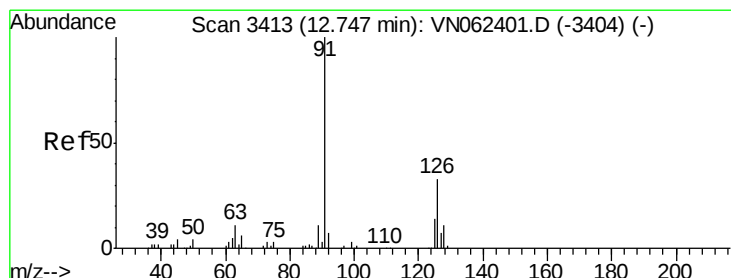
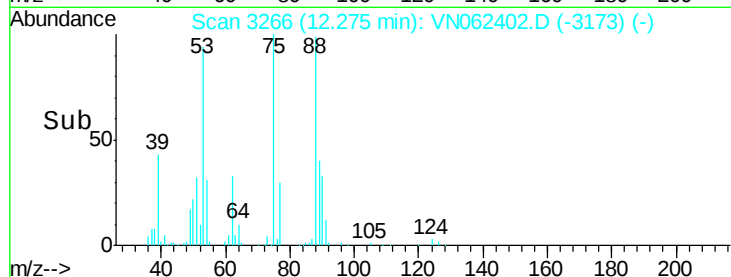
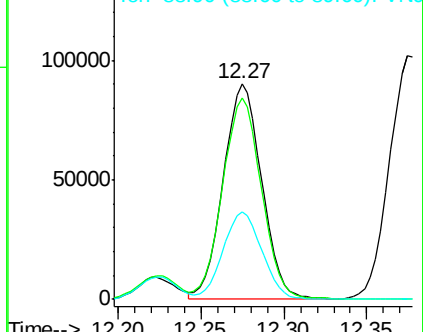
89 41.4 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 93.745 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062402.D

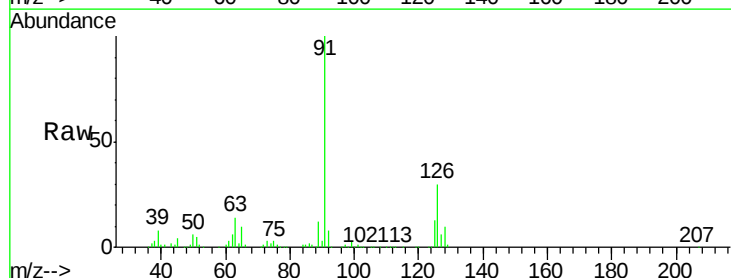
Acq: 8 Jul 2020 11:51

Tgt Ion: 91 Resp: 866878

Ion Ratio Lower Upper

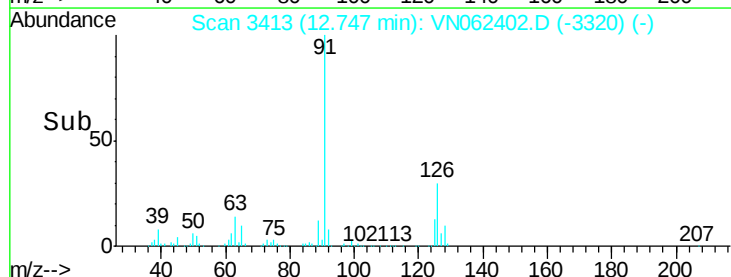
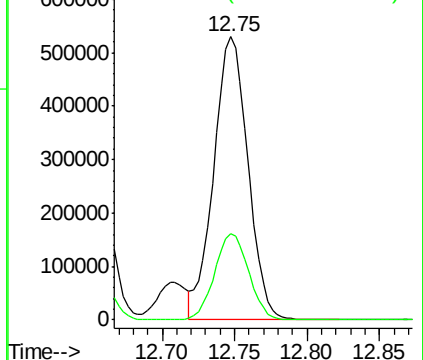
91 100

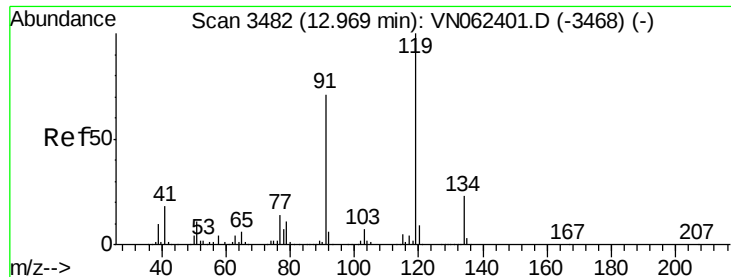
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

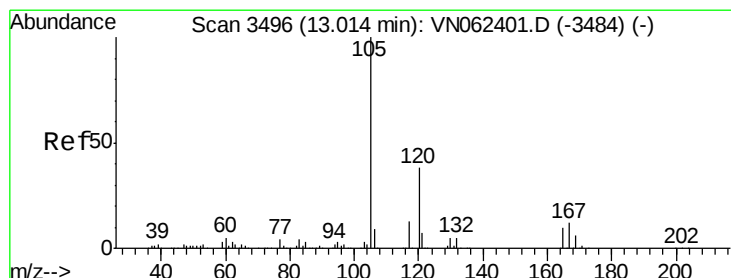
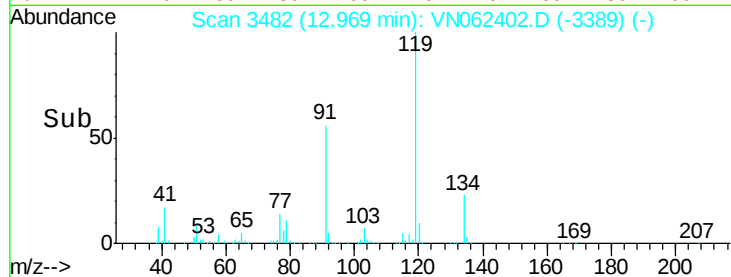
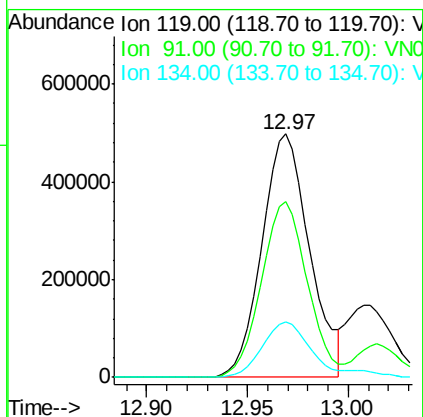
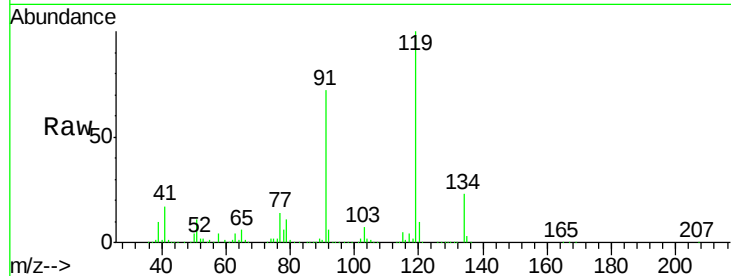




#83
 tert-Butylbenzene
 Concen: 91.926 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

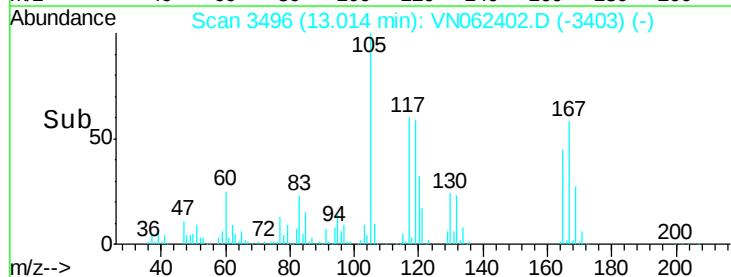
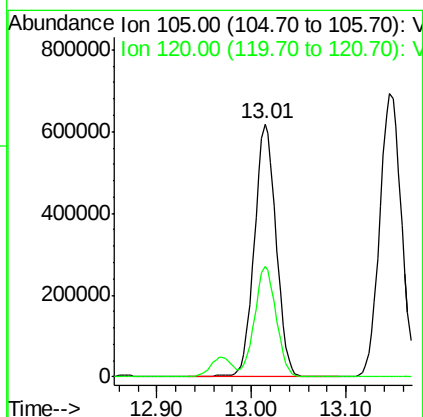
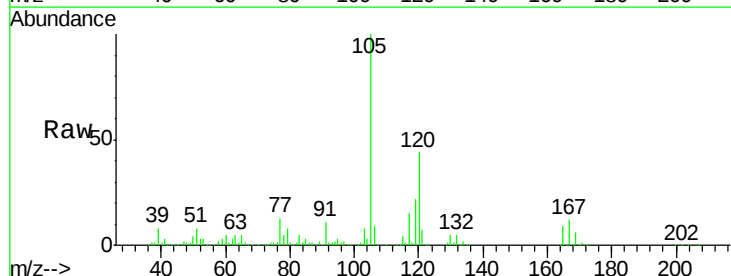
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

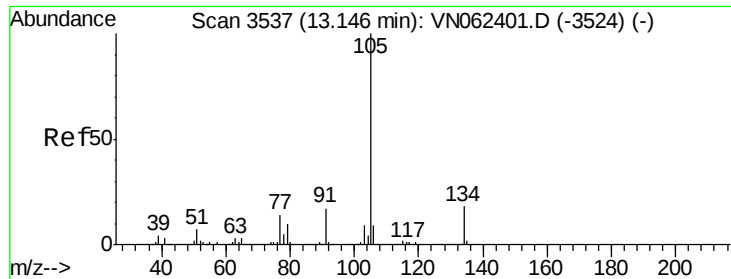
Tgt Ion:119 Resp: 819514
 Ion Ratio Lower Upper
 119 100
 91 69.9 34.8 104.3
 134 22.7 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 95.381 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion:105 Resp: 987386
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.6 64.8

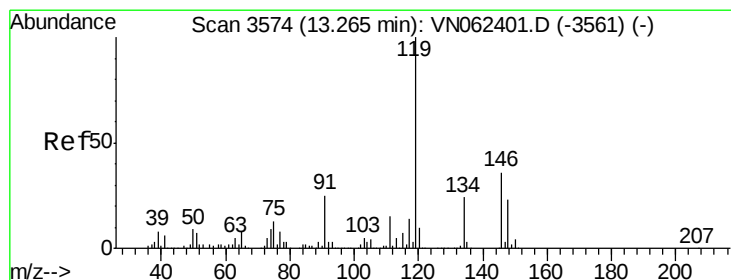
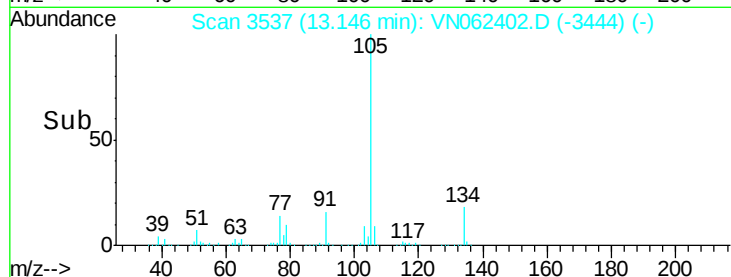
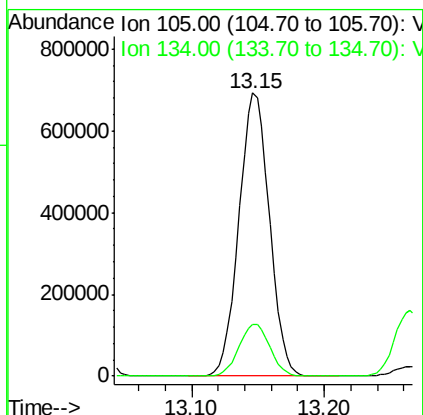
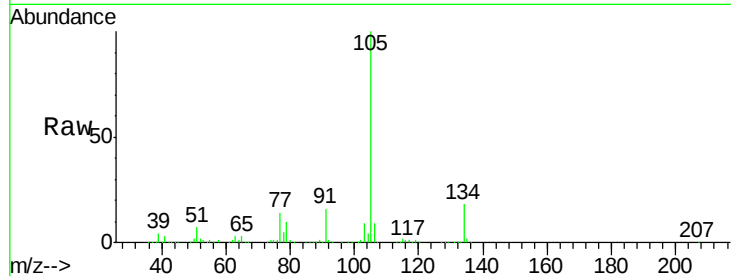




#85
 sec-Butylbenzene
 Concen: 97.065 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

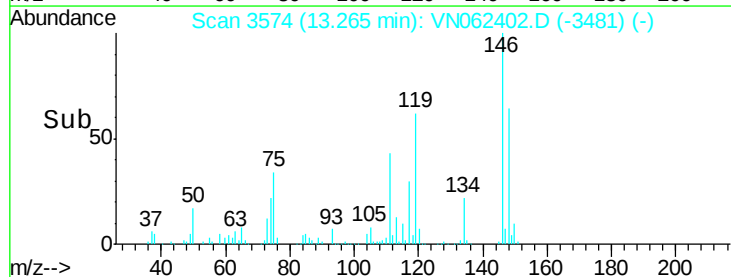
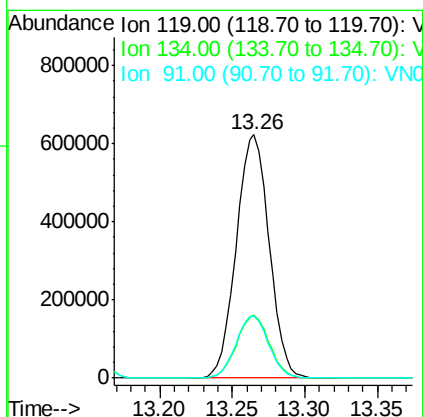
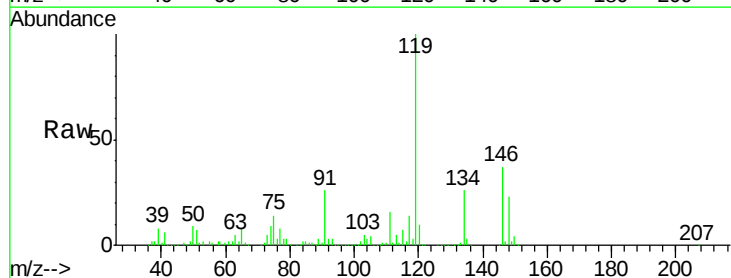
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

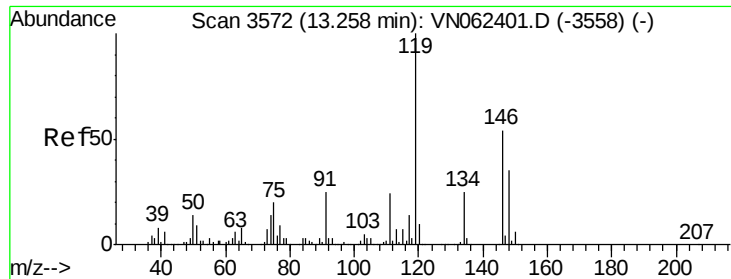
Tgt Ion:105 Resp: 1104757
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 95.565 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion:119 Resp: 979390
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.4 37.0
 91 25.5 12.4 37.4

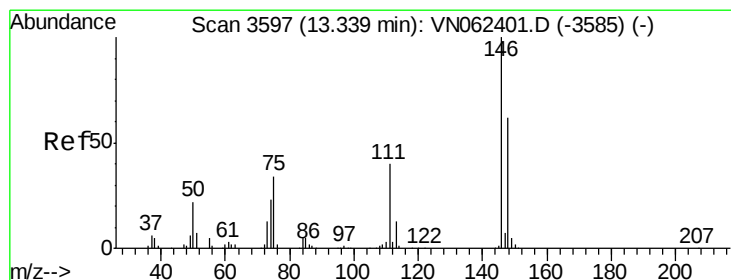
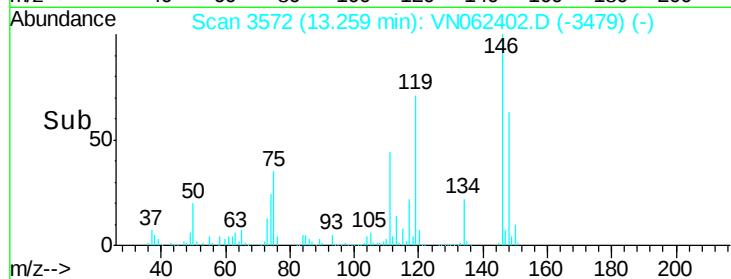
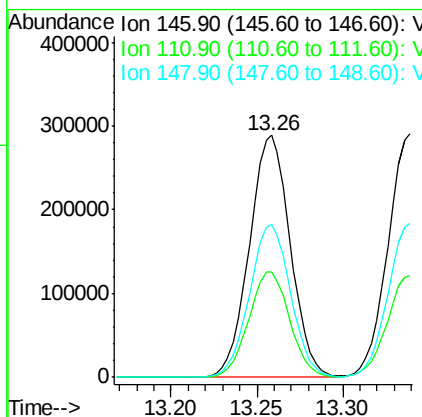
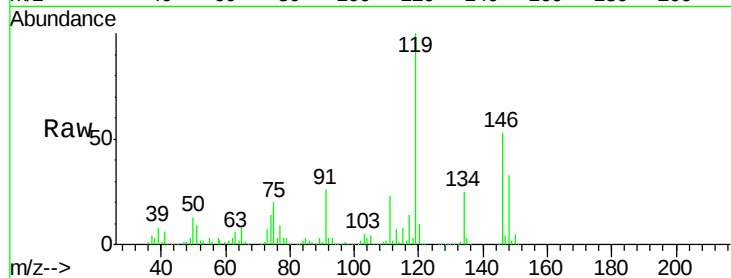




#87
 1,3-Dichlorobenzene
 Concen: 90.142 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

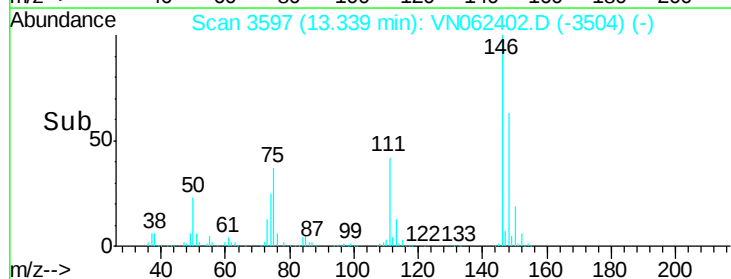
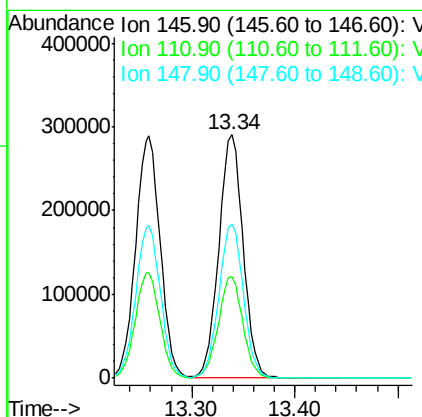
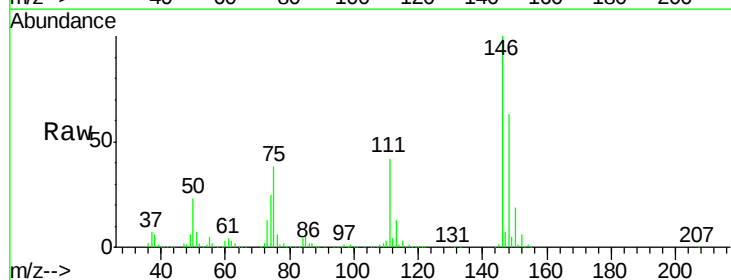
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

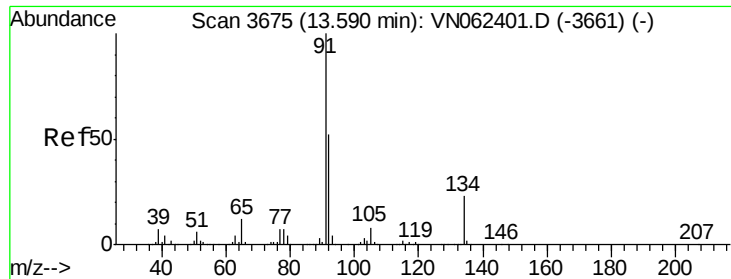
Tgt Ion:146 Resp: 475226
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.6 64.6
 148 63.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 87.599 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion:146 Resp: 477070
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.1
 148 63.7 31.4 94.2





#89

n-Butylbenzene

Concen: 102.224 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062402.D

Acq: 8 Jul 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

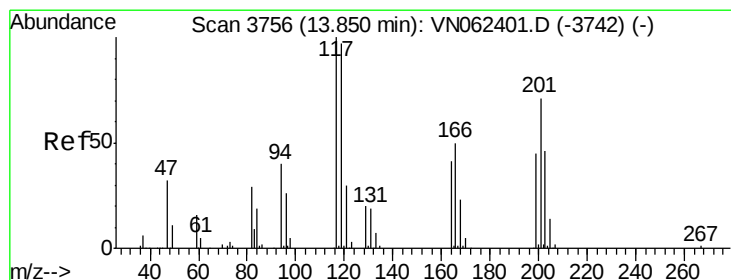
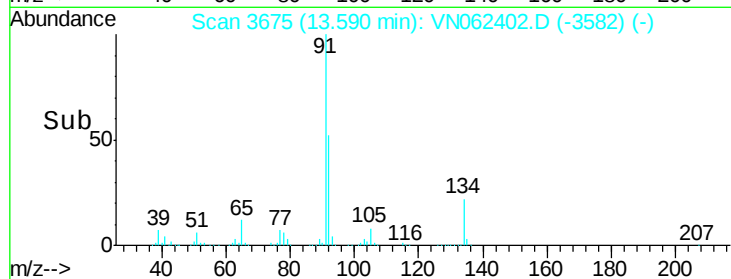
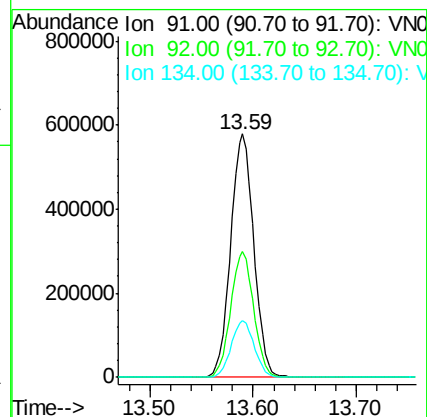
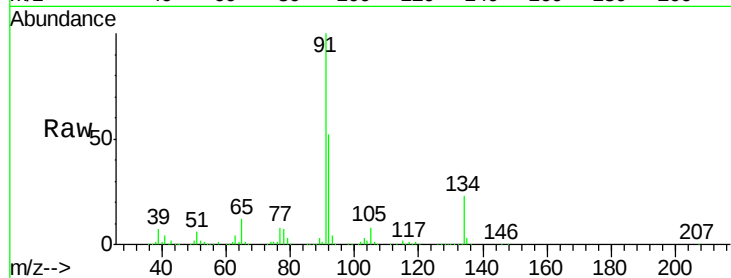
Tgt Ion: 91 Resp: 903057

Ion Ratio Lower Upper

91 100

92 51.6 25.9 77.7

134 23.4 11.6 34.8



#90

Hexachloroethane

Concen: 88.000 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062402.D

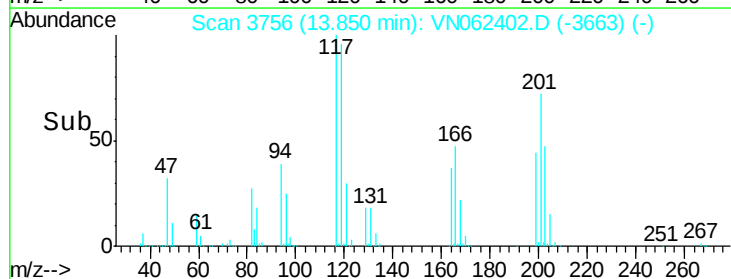
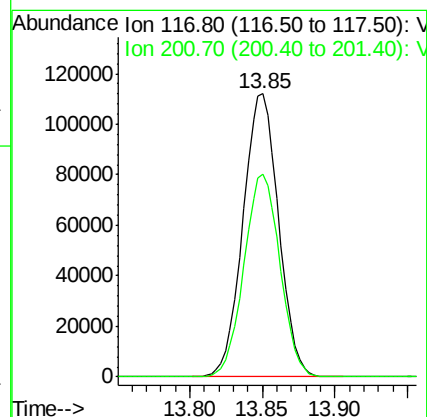
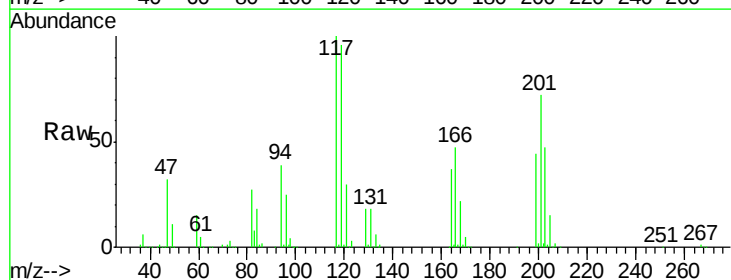
Acq: 8 Jul 2020 11:51

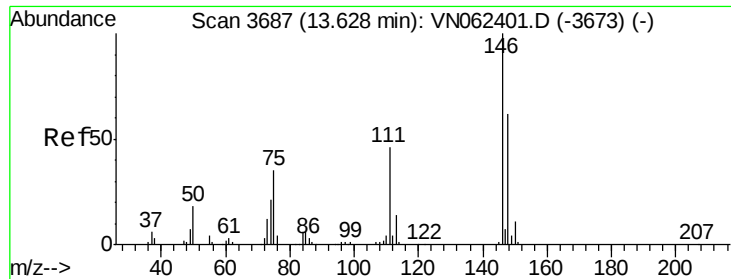
Tgt Ion: 117 Resp: 191177

Ion Ratio Lower Upper

117 100

201 72.4 35.4 106.2

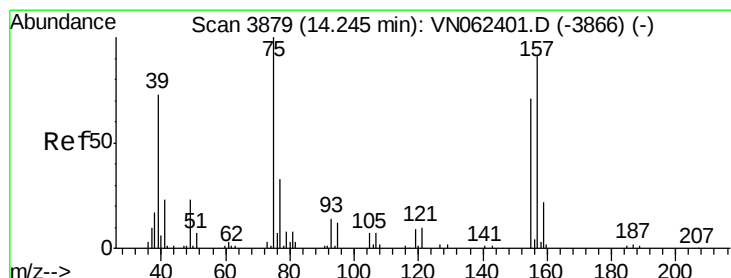
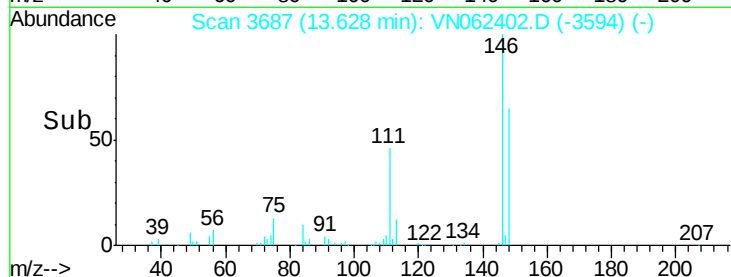
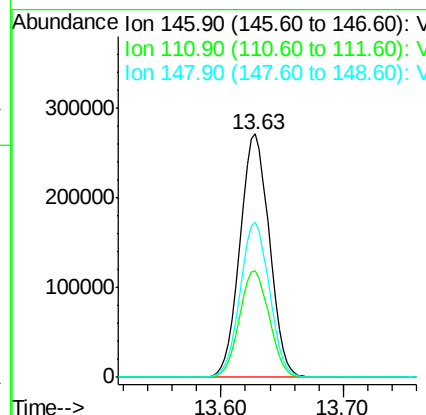
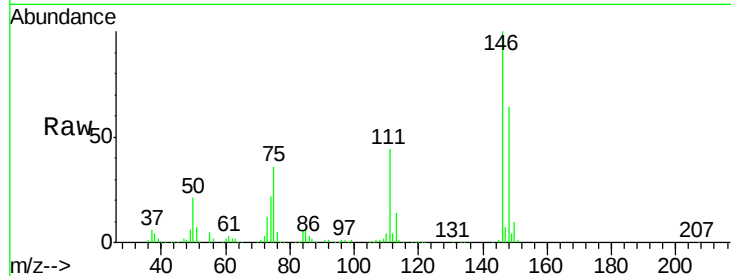




#91
 1,2-Dichlorobenzene
 Concen: 89.562 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

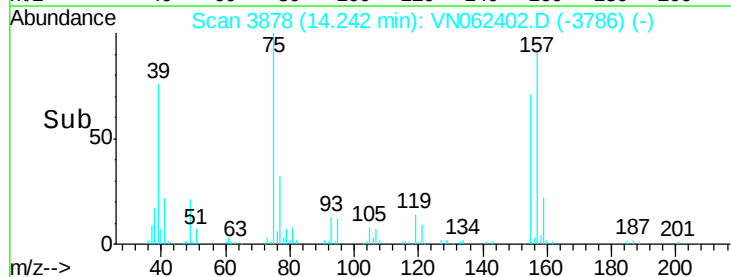
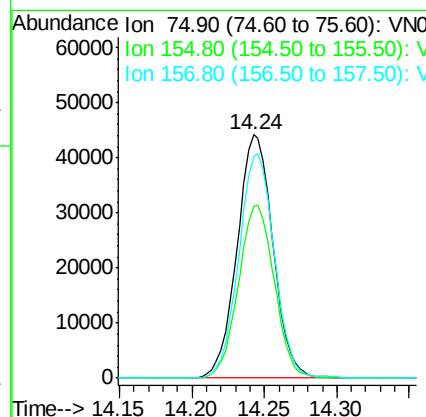
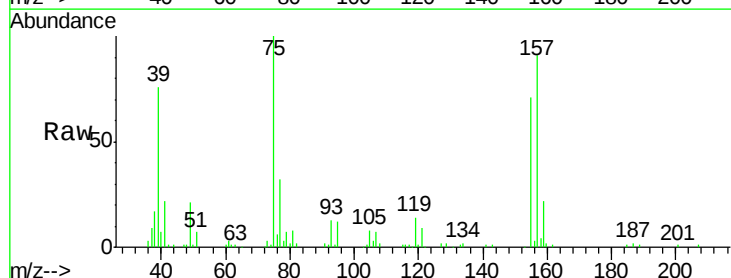
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

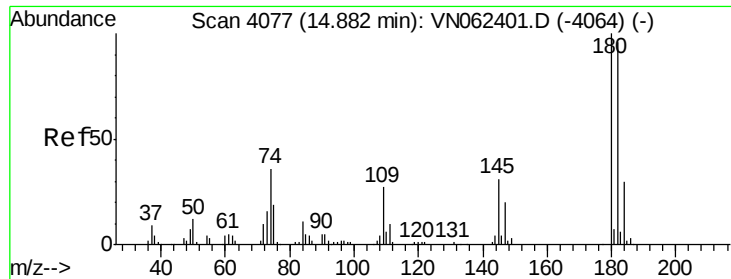
Tgt Ion:146 Resp: 452448
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.5 67.5
 148 63.6 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 89.610 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion: 75 Resp: 75744
 Ion Ratio Lower Upper
 75 100
 155 71.0 35.2 105.6
 157 91.0 45.8 137.3

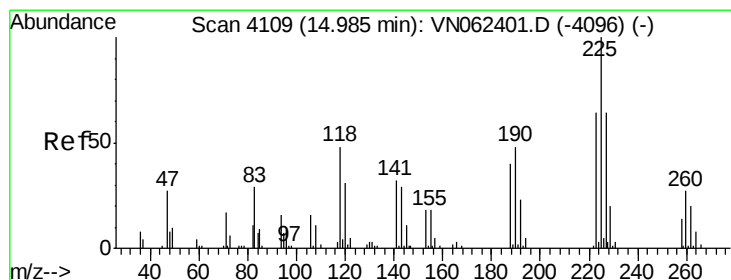
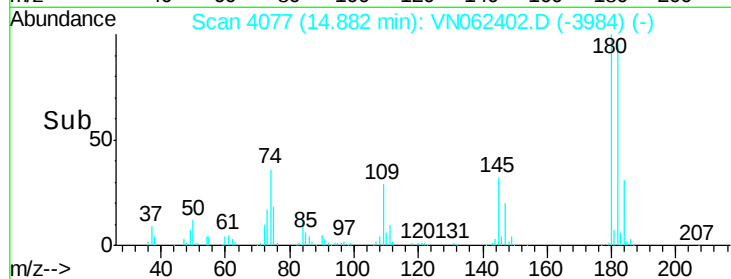
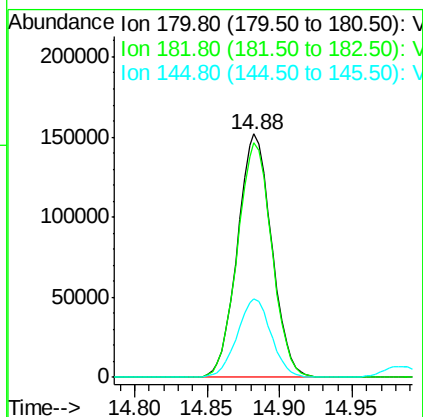
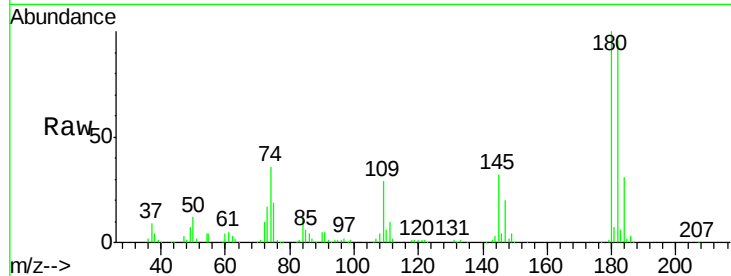




#93
 1,2,4-Trichlorobenzene
 Concen: 105.176 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

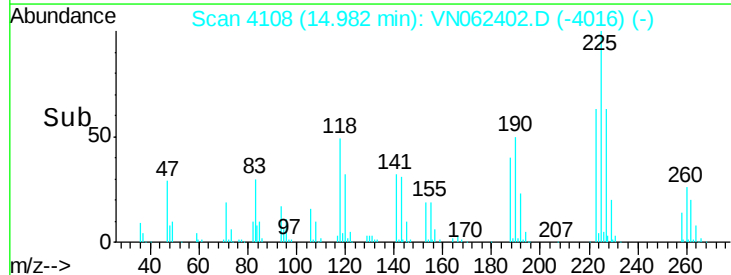
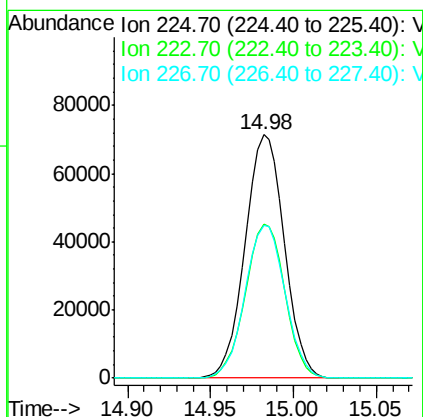
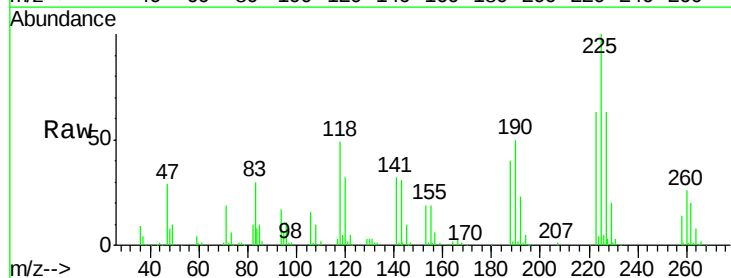
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

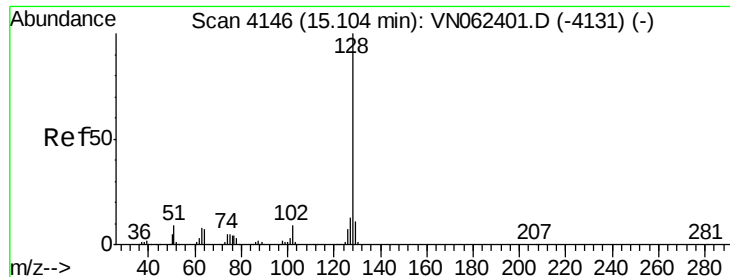
Tgt Ion:180 Resp: 248725
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.4 145.2
 145 32.0 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 79.627 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062402.D
 Acq: 8 Jul 2020 11:51

Tgt Ion:225 Resp: 117832
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.3 96.8
 227 64.0 31.9 95.7

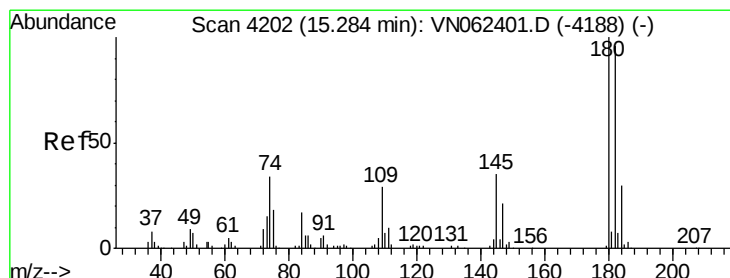
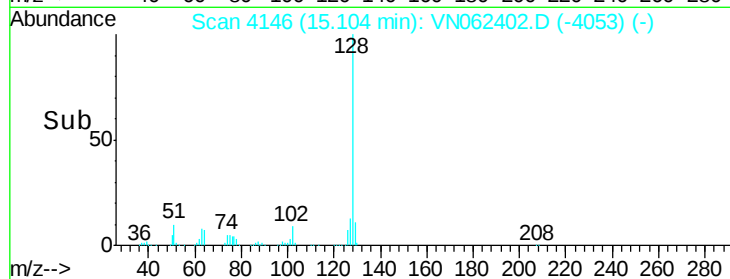
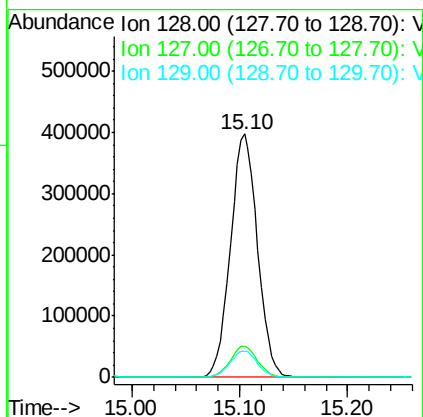
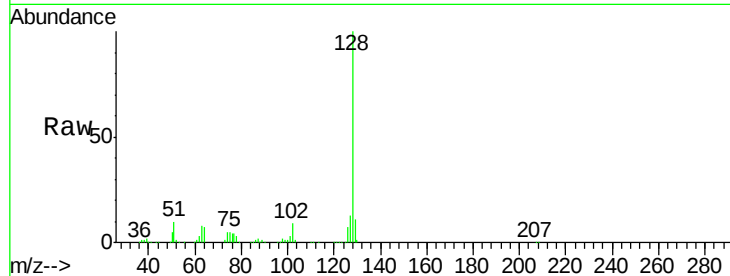




#95
Naphthalene
Concen: 110.657 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

Tgt Ion:128 Resp: 693604
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 101.838 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062402.D
Acq: 8 Jul 2020 11:51

Tgt Ion:180 Resp: 247095
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.4
145 33.1 17.0 50.9

