

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\NOT REVIEWED DATA\
 Data File : VN062974.D
 Acq On : 17 Aug 2020 16:20
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 17 17:37:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	347877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	323791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140930	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	14163	5.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.06%	
35) Dibromofluoromethane	7.55	113	12217	5.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.78%	
50) Toluene-d8	10.06	98	45559	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	
62) 4-Bromofluorobenzene	12.38	95	15976	5.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.12%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	10510	1.923	ug/l 100
3) Chloromethane	2.04	50	11864	4.553	ug/l 90
4) Vinyl Chloride	2.16	62	15168	4.609	ug/l 97
5) Bromomethane	2.52	94	14947	6.409	ug/l 99
6) Chloroethane	2.67	64	11696	5.219	ug/l 98
7) Trichlorofluoromethane	2.98	101	24269	5.294	ug/l 95
8) Diethyl Ether	3.38	74	7562	5.382	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	11969	5.467	ug/l 98
10) Methyl Iodide	3.91	142	10834	3.882	ug/l # 90
11) Tert butyl alcohol	4.73	59	12608	28.788	ug/l # 79
12) 1,1-Dichloroethene	3.69	96	11286	5.431	ug/l 92
13) Acrolein	3.57	56	6394	24.334	ug/l 99
14) Allyl chloride	4.27	41	16512	5.146	ug/l 98
15) Acrylonitrile	4.94	53	28176	24.395	ug/l 97
16) Acetone	3.78	43	26963	27.171	ug/l 97
17) Carbon Disulfide	4.01	76	34215	5.737	ug/l 95
18) Methyl Acetate	4.28	43	13041	3.222	ug/l 93
19) Methyl tert-butyl Ether	4.99	73	32606	4.803	ug/l 100
20) Methylene Chloride	4.51	84	14478	6.575	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	12414	5.703	ug/l 92
22) Diisopropyl ether	5.90	45	33135	4.779	ug/l # 83
23) Vinyl Acetate	5.84	43	127647	26.117	ug/l 97
24) 1,1-Dichloroethane	5.80	63	21553	5.316	ug/l 99
25) 2-Butanone	6.79	43	35859	25.073	ug/l 100
26) 2,2-Dichloropropane	6.77	77	18210	5.434	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	14384	5.569	ug/l 98
28) Bromochloromethane	7.15	49	9835	5.032	ug/l # 99
29) Tetrahydrofuran	7.17	42	22417	17.192	ug/l 99
30) Chloroform	7.33	83	21508	5.088	ug/l 99
31) Cyclohexane	7.61	56	20888	5.284	ug/l # 81
32) 1,1,1-Trichloroethane	7.53	97	18677	5.323	ug/l 99
36) 1,1-Dichloropropene	7.75	75	16860	5.650	ug/l 97
37) Ethyl Acetate	6.88	43	13858	5.083	ug/l 97
38) Carbon Tetrachloride	7.73	117	16851	5.345	ug/l 100

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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 17 17:37:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	18562	4.687	ug/l	95
40) Benzene	8.00	78	51893	5.498	ug/l	99
41) Methacrylonitrile	7.16	41	20908	15.638	ug/l #	19
42) 1,2-Dichloroethane	8.08	62	16873	5.446	ug/l	99
43) Isopropyl Acetate	8.13	43	22040	5.088	ug/l	99
44) Trichloroethene	8.80	130	13989	5.497	ug/l	94
45) 1,2-Dichloropropane	9.08	63	13256	5.040	ug/l	99
46) Dibromomethane	9.17	93	8739	5.337	ug/l	99
47) Bromodichloromethane	9.37	83	16856	5.075	ug/l	100
48) Methyl methacrylate	9.17	41	10043	4.740	ug/l	97
49) 1,4-Dioxane	9.17	88	4546	101.451	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	70682	24.390	ug/l	95
52) Toluene	10.12	92	31242	5.239	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	17814	4.972	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	19881	5.141	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	13301	5.262	ug/l	94
56) Ethyl methacrylate	10.40	69	16280	7.597	ug/l	99
57) 1,3-Dichloropropane	10.68	76	19728	4.951	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.67	63	16701	21.671	ug/l	97
59) 2-Hexanone	10.72	43	51064	14.897	ug/l	98
60) Dibromochloromethane	10.87	129	14012	4.981	ug/l	95
61) 1,2-Dibromoethane	10.98	107	13364	5.179	ug/l	93
64) Tetrachloroethene	10.60	164	12869	5.795	ug/l	97
65) Chlorobenzene	11.41	112	34484	5.203	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	13433	5.219	ug/l	98
67) Ethyl Benzene	11.48	91	56157	5.030	ug/l	100
68) m/p-Xylenes	11.60	106	41781	9.910	ug/l	94
69) o-Xylene	11.92	106	19896	4.968	ug/l	99
70) Styrene	11.94	104	33040	4.756	ug/l	98
71) Bromoform	12.10	173	10862	5.048	ug/l #	96
73) Isopropylbenzene	12.22	105	52920	5.443	ug/l	98
74) N-amyl acetate	12.05	43	16532	4.953	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	18499	5.877	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	22255	7.608	ug/l #	100
77) Bromobenzene	12.50	156	15442	5.509	ug/l	98
78) n-propylbenzene	12.57	91	59026	5.203	ug/l	98
79) 2-Chlorotoluene	12.65	91	37051	5.434	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	43043	5.262	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	5232	5.034	ug/l	94
82) 4-Chlorotoluene	12.75	91	38347	5.520	ug/l	97
83) tert-Butylbenzene	12.97	119	36794	5.216	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	40191	5.077	ug/l	100
85) sec-Butylbenzene	13.15	105	48674	5.243	ug/l	100
86) p-Isopropyltoluene	13.26	119	41911	5.073	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	24706	5.352	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	25337	5.325	ug/l	94
89) n-Butylbenzene	13.59	91	33289	4.961	ug/l	97
90) Hexachloroethane	13.85	117	9574	5.713	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	23905	5.358	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2835	5.361	ug/l	98

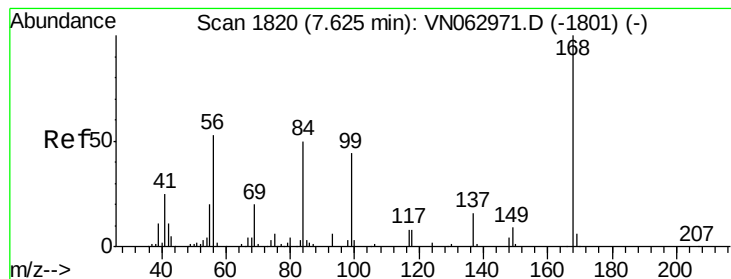
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\NOT REVIEWED DATA\
Data File : VN062974.D
Acq On : 17 Aug 2020 16:20
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Aug 17 17:37:20 2020
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Quant Title : SW846 8260
QLast Update : Mon Aug 17 17:31:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	9483	7.698	ug/l	98
94) Hexachlorobutadiene	14.98	225	10271	5.964	ug/l	97
95) Naphthalene	15.10	128	24854	5.433	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	10477	7.599	ug/l	98

(#) = 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: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

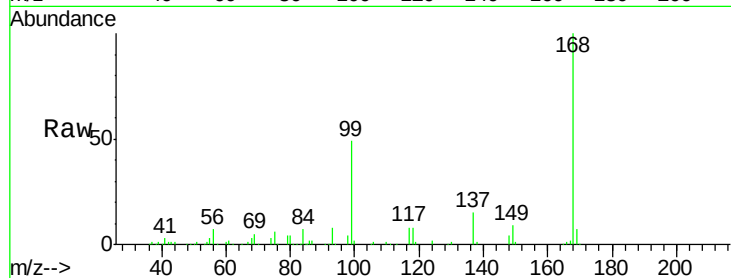
VSTDIC005

Tgt Ion:168 Resp: 241935

Ion Ratio Lower Upper

168 100

99 48.6 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

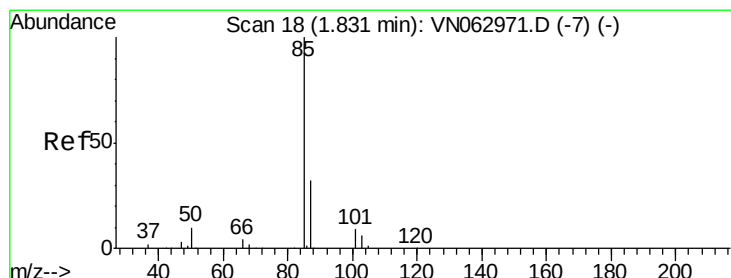
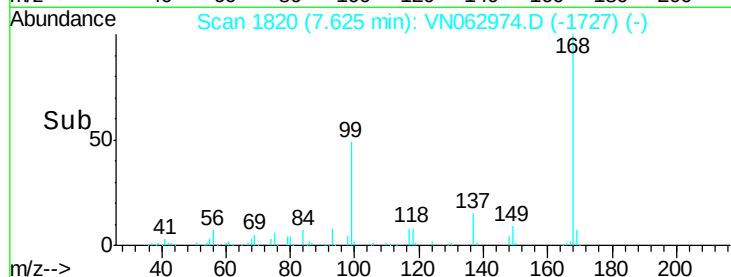
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.923 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062974.D

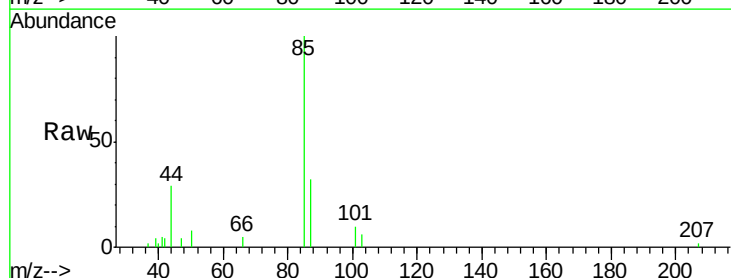
Acq: 17 Aug 2020 16:20

Tgt Ion: 85 Resp: 10510

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

8000

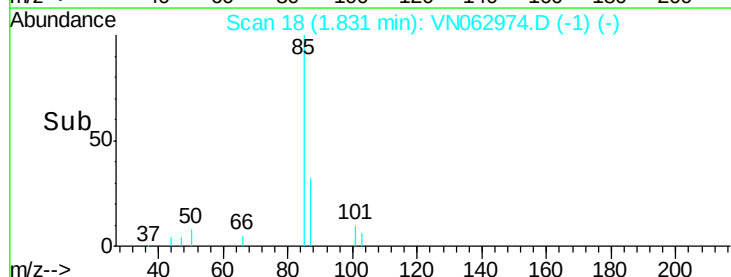
6000

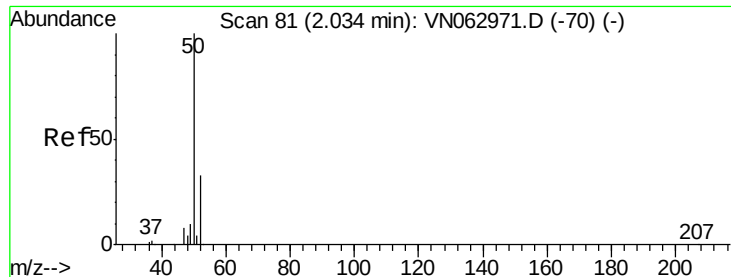
4000

2000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 4.553 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

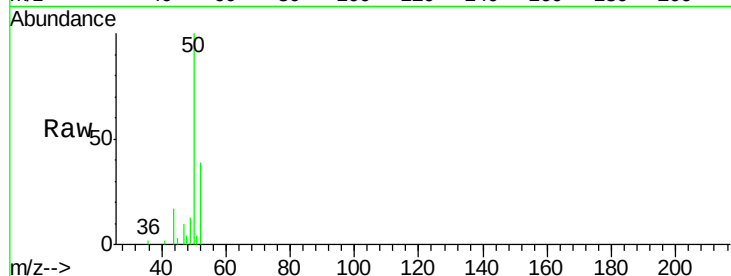
VSTDIC005

Tgt Ion: 50 Resp: 11864

Ion Ratio Lower Upper

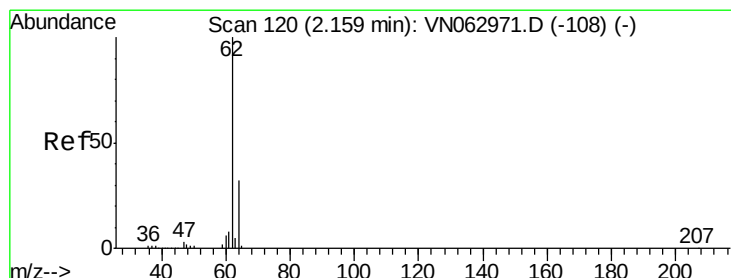
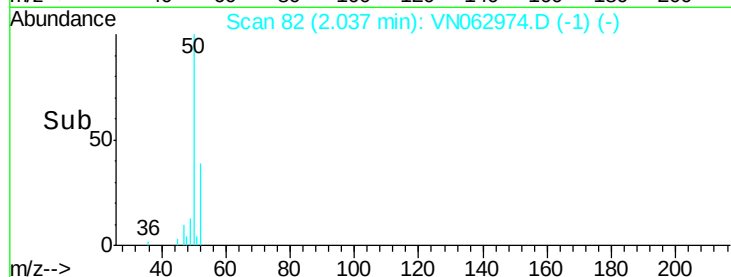
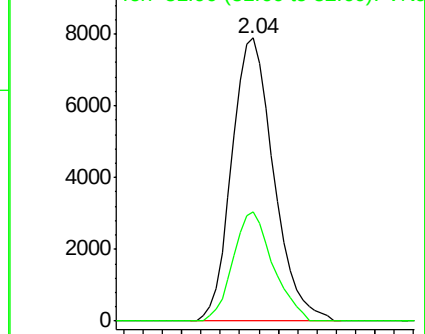
50 100

52 38.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 4.609 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062974.D

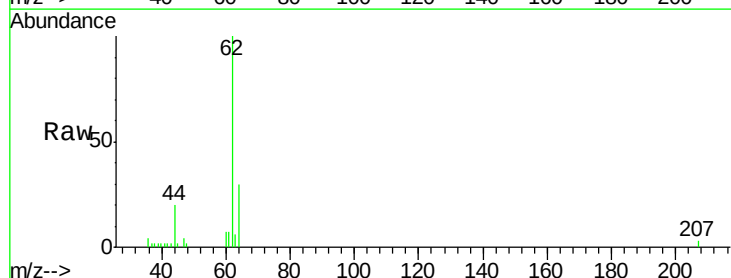
Acq: 17 Aug 2020 16:20

Tgt Ion: 62 Resp: 15168

Ion Ratio Lower Upper

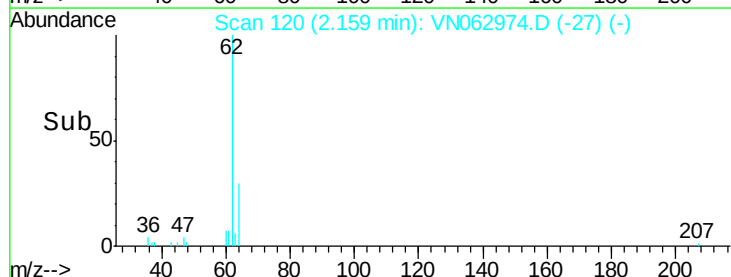
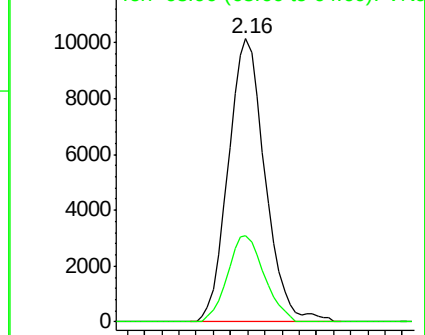
62 100

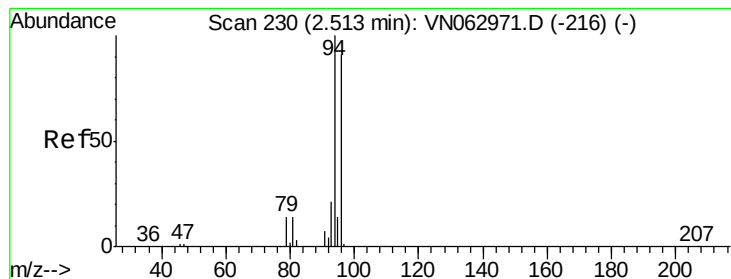
64 30.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 6.409 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.01 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

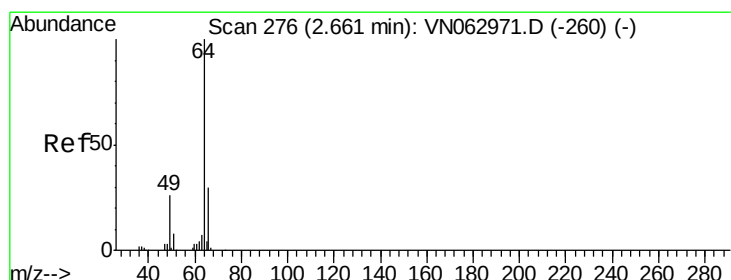
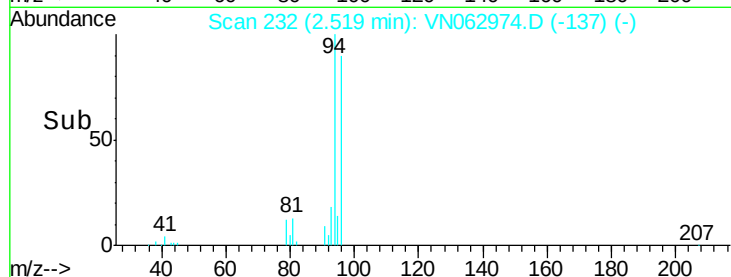
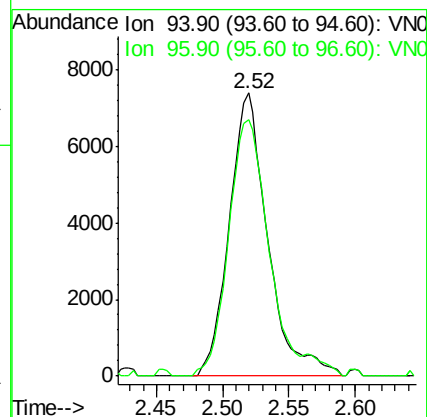
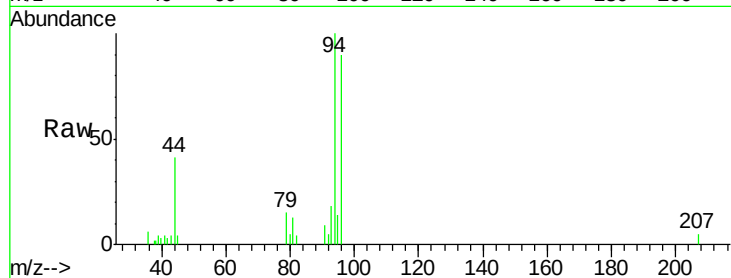
VSTDIC005

Tgt Ion: 94 Resp: 14947

Ion Ratio Lower Upper

94 100

96 90.4 72.9 109.3



#6

Chloroethane

Concen: 5.219 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.01 min

Lab File: VN062974.D

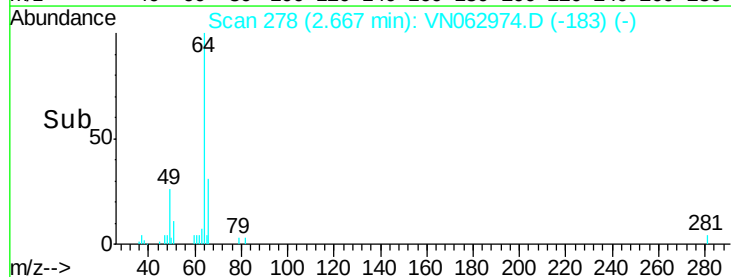
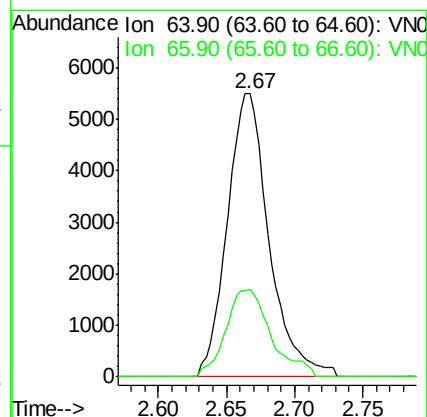
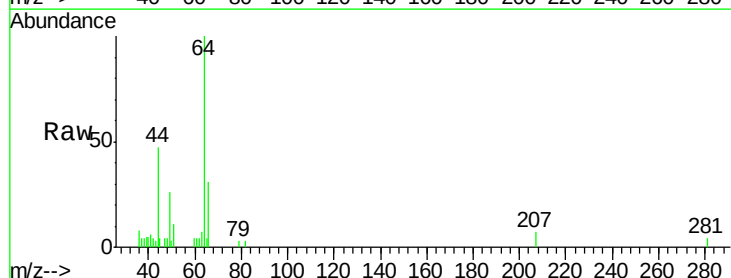
Acq: 17 Aug 2020 16:20

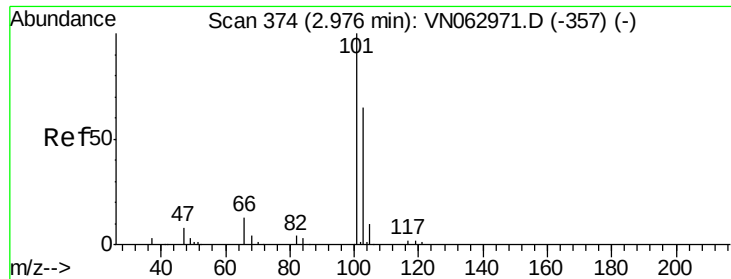
Tgt Ion: 64 Resp: 11696

Ion Ratio Lower Upper

64 100

66 30.8 23.8 35.8



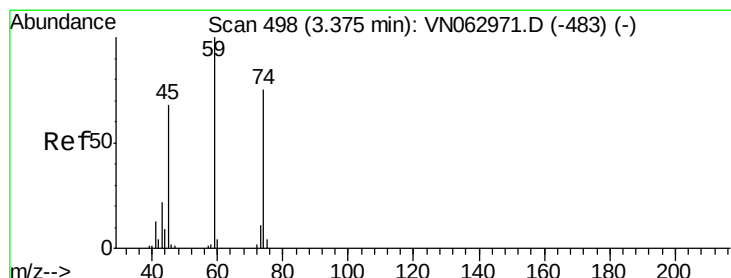
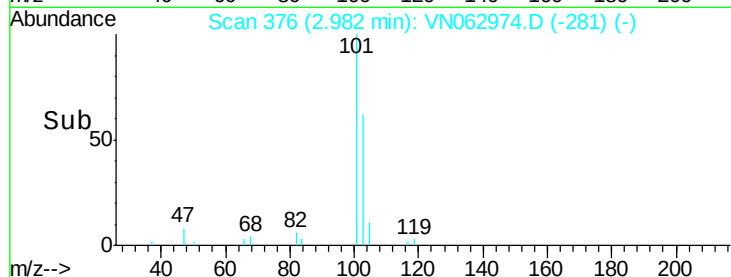
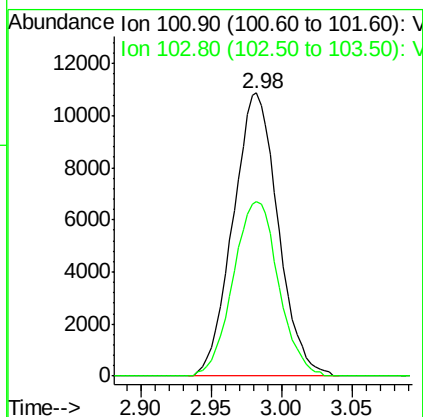
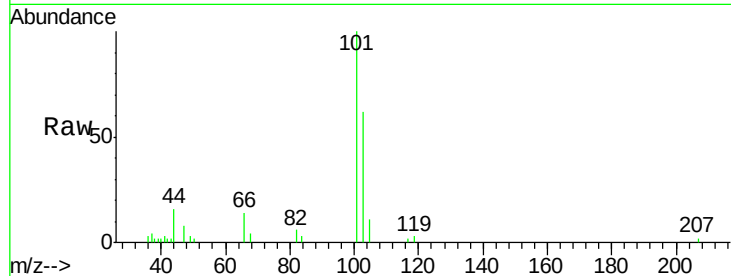


#7

Trichlorofluoromethane
Concen: 5.294 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.01 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

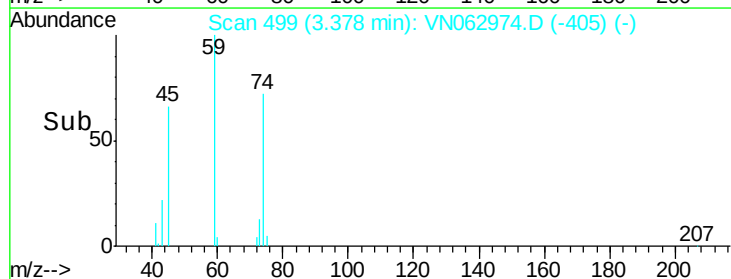
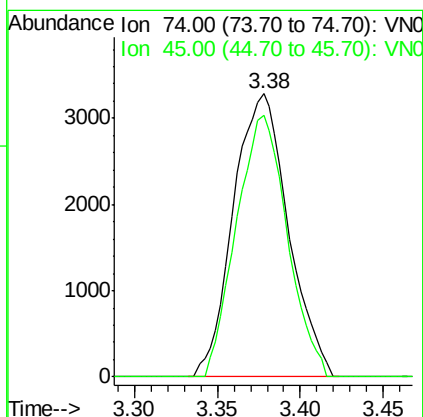
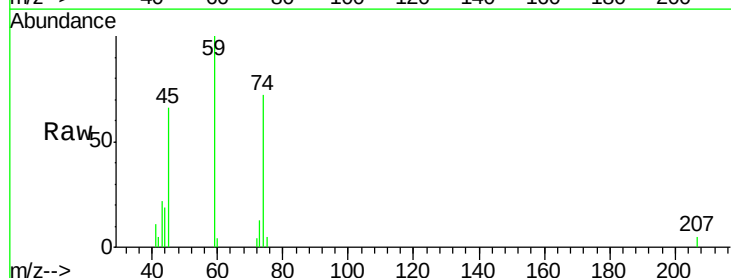
Tgt Ion:101 Resp: 24269
Ion Ratio Lower Upper
101 100
103 61.5 52.2 78.4

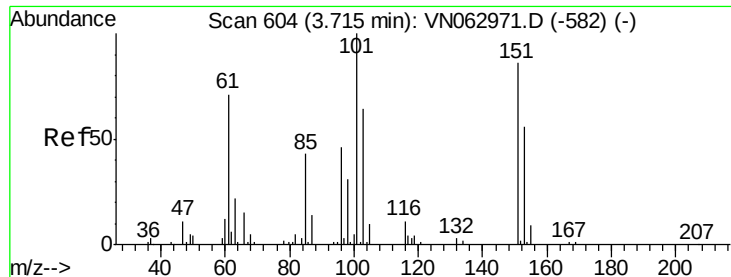


#8

Diethyl Ether
Concen: 5.382 ug/l
RT: 3.38 min Scan# 499
Delta R.T. 0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion: 74 Resp: 7562
Ion Ratio Lower Upper
74 100
45 85.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.467 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

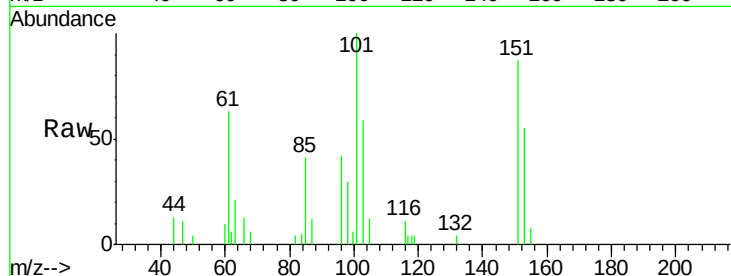
Tgt Ion:101 Resp: 11969

Ion Ratio Lower Upper

101 100

85 39.7 34.1 51.1

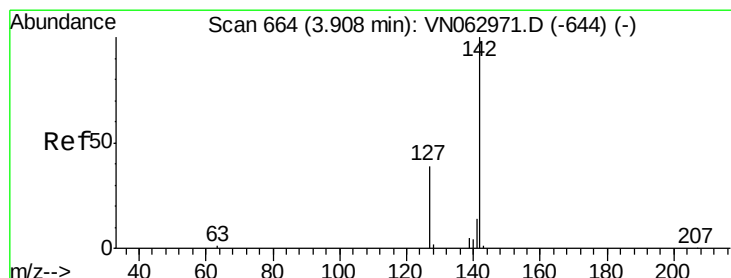
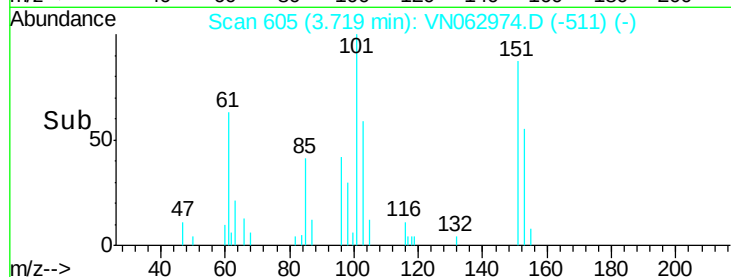
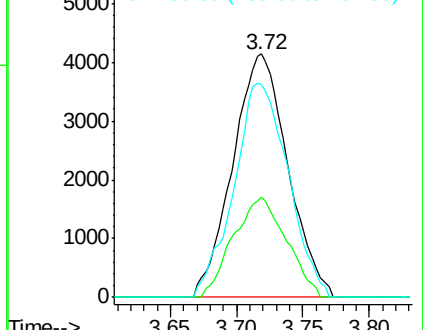
151 86.8 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.882 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

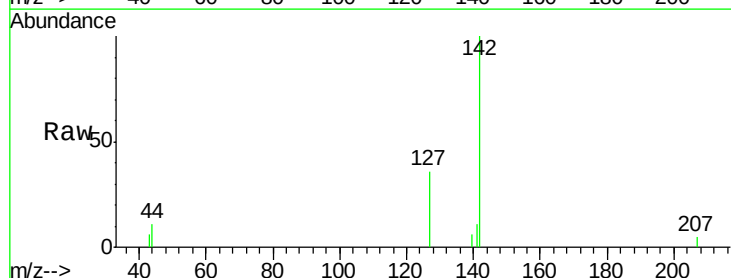
Tgt Ion:142 Resp: 10834

Ion Ratio Lower Upper

142 100

127 37.3 31.9 47.9

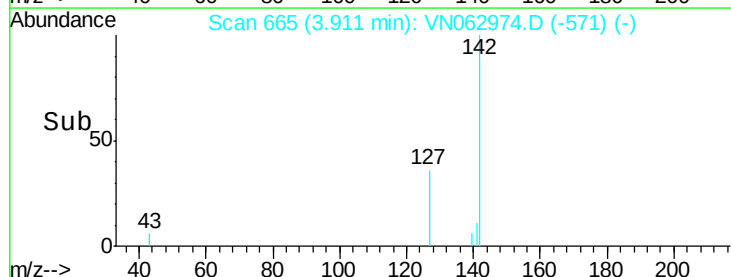
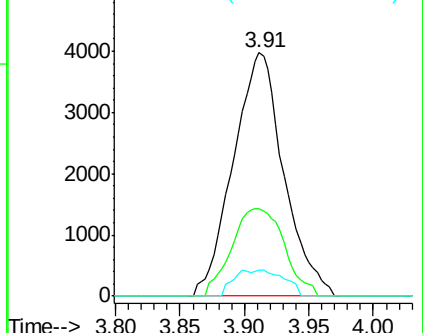
141 4.1 11.4 17.2#

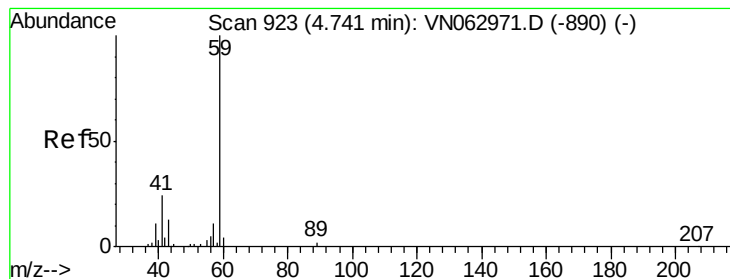


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 28.788 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.01 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

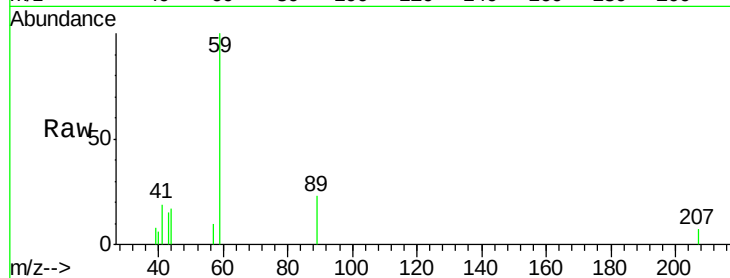
VSTDIC005

Tgt Ion: 59 Resp: 12608

Ion Ratio Lower Upper

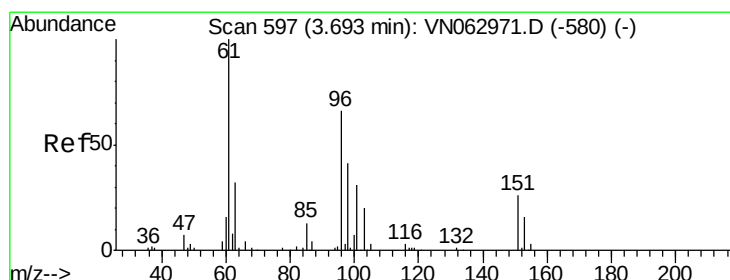
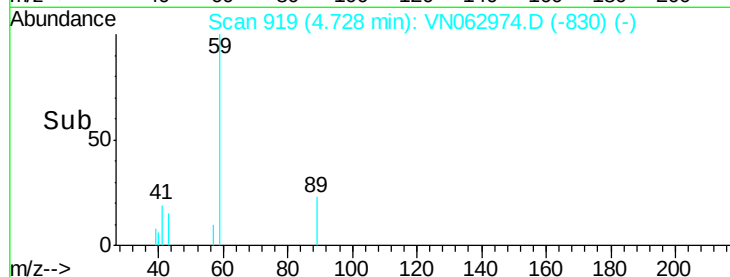
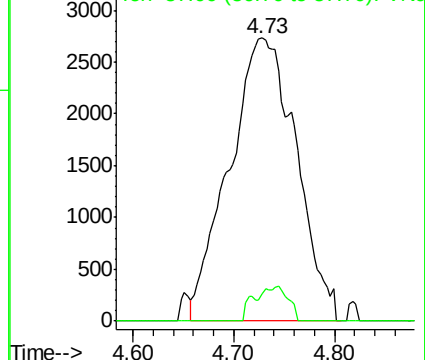
59 100

57 1.6 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN062971.D (-890) (-)

Ion 57.00 (56.70 to 57.70): VN062971.D (-890) (-)



#12

1,1-Dichloroethene

Concen: 5.431 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

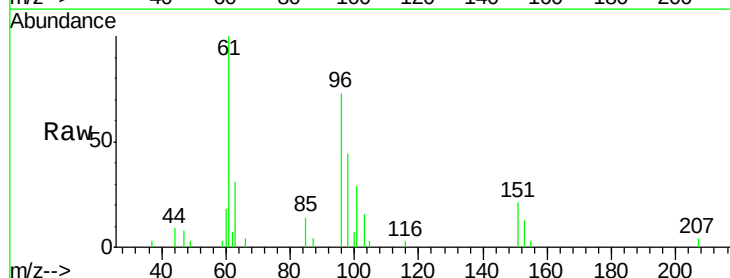
Tgt Ion: 96 Resp: 11286

Ion Ratio Lower Upper

96 100

61 137.4 120.4 180.6

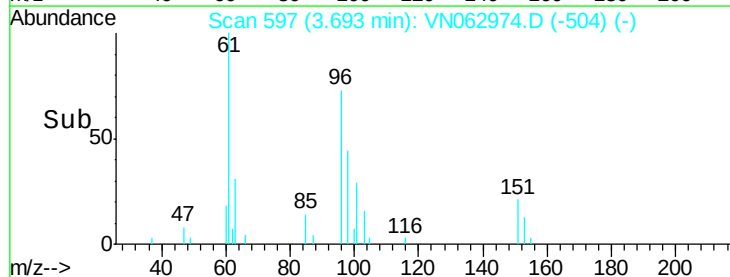
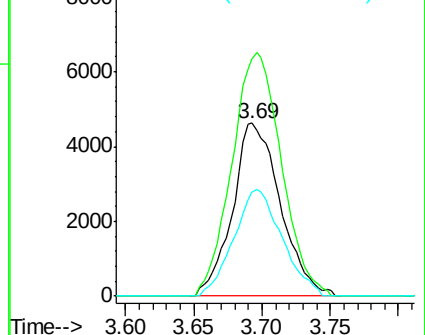
98 60.4 49.8 74.6

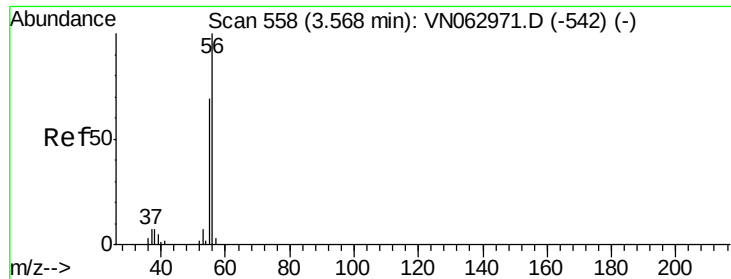


Abundance Ion 95.90 (95.60 to 96.60): VN062971.D (-580) (-)

Ion 60.90 (60.60 to 61.60): VN062971.D (-580) (-)

Ion 97.90 (97.60 to 98.60): VN062971.D (-580) (-)





#13

Acrolein

Concen: 24.334 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

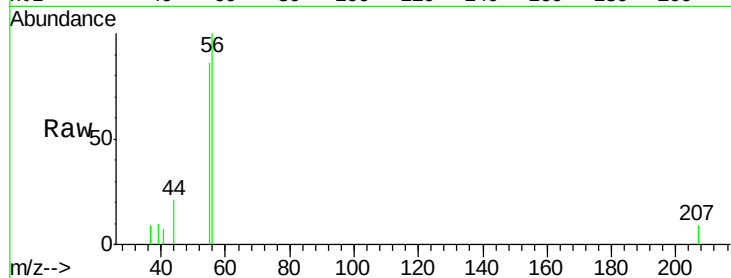
VSTDIC005

Tgt Ion: 56 Resp: 6394

Ion Ratio Lower Upper

56 100

55 69.0 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VN062974.D (-542) (-)

Ion 55.00 (54.70 to 55.70): VN062974.D (-542) (-)

3.57

2500

2000

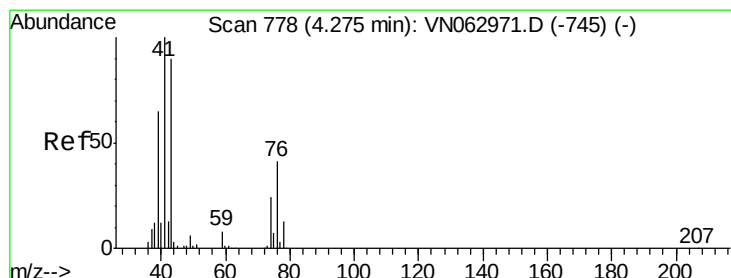
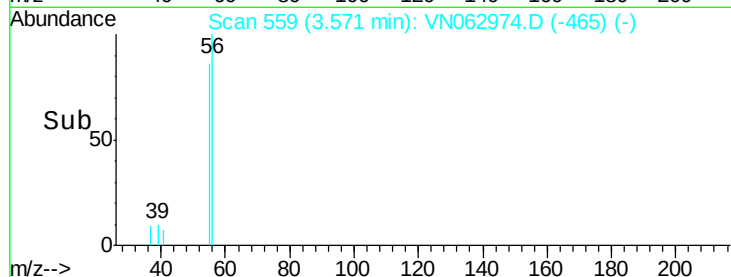
1500

1000

500

0

Time-->



#14

Allyl chloride

Concen: 5.146 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

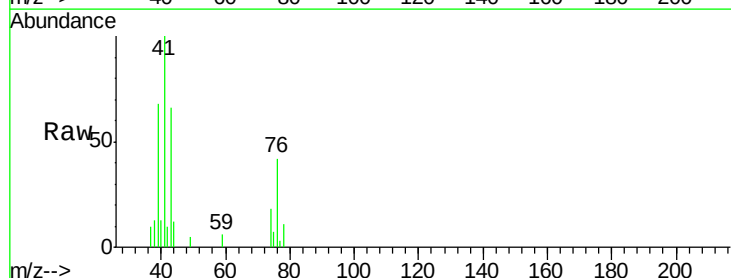
Tgt Ion: 41 Resp: 16512

Ion Ratio Lower Upper

41 100

39 60.6 46.7 70.1

76 38.2 30.2 45.4



Abundance Ion 41.00 (40.70 to 41.70): VN062974.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN062974.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN062974.D (-745) (-)

4.27

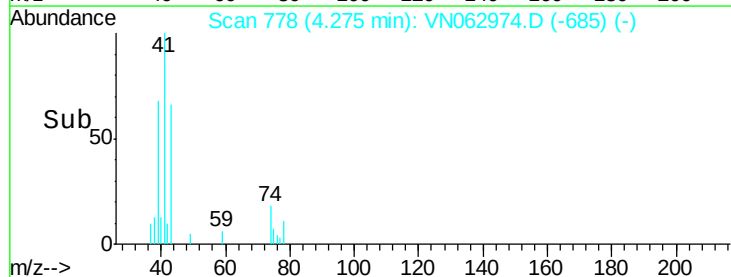
6000

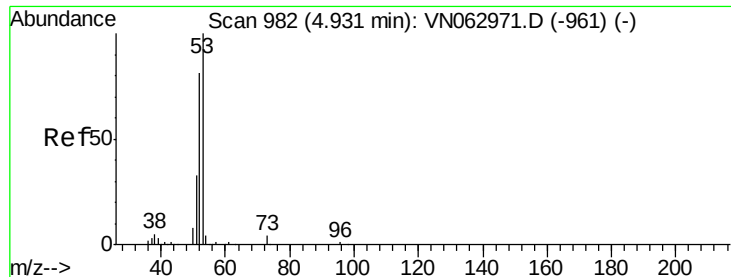
4000

2000

0

Time-->





#15

Acrylonitrile

Concen: 24.395 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.01 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

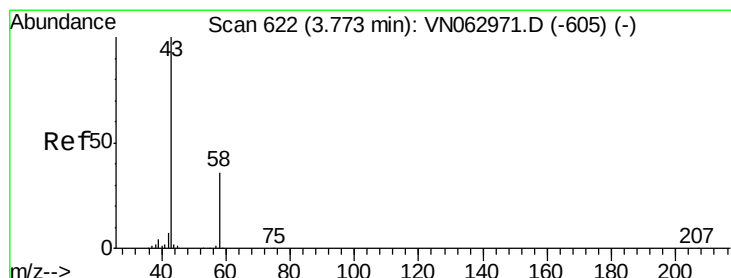
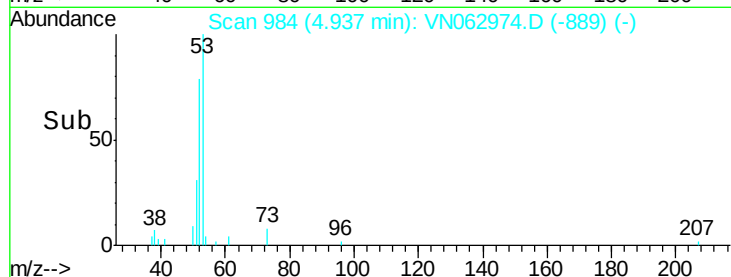
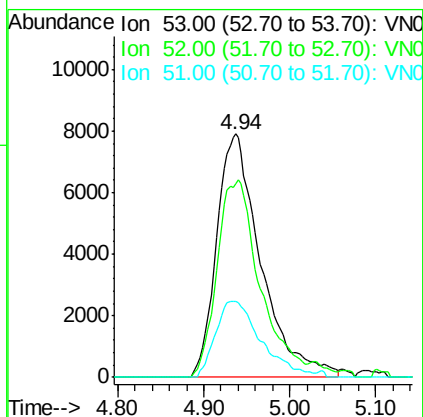
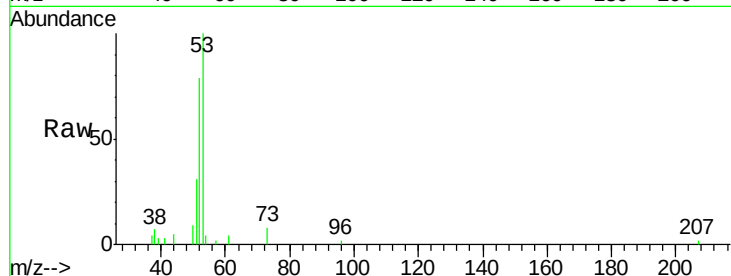
Tgt Ion: 53 Resp: 28176

Ion Ratio Lower Upper

53 100

52 78.3 65.0 97.6

51 32.3 27.4 41.2



#16

Acetone

Concen: 27.171 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062974.D

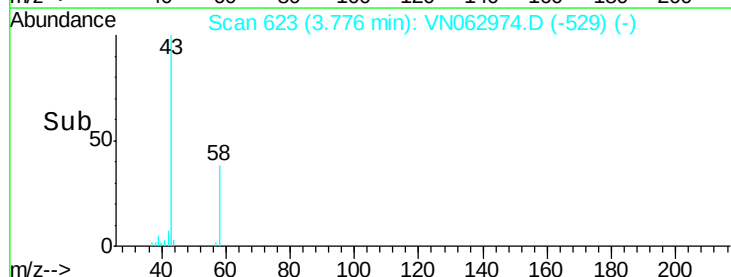
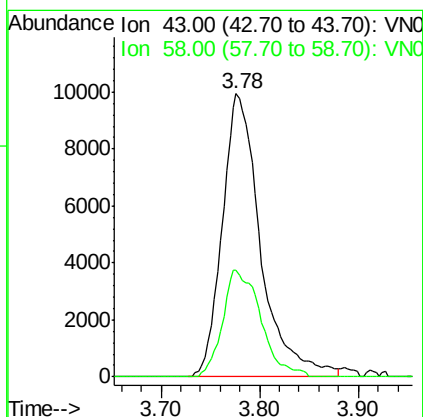
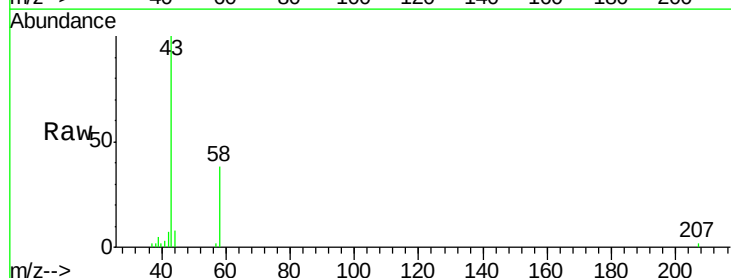
Acq: 17 Aug 2020 16:20

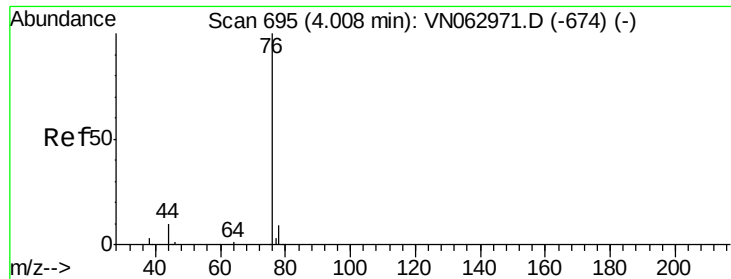
Tgt Ion: 43 Resp: 26963

Ion Ratio Lower Upper

43 100

58 37.9 28.7 43.1

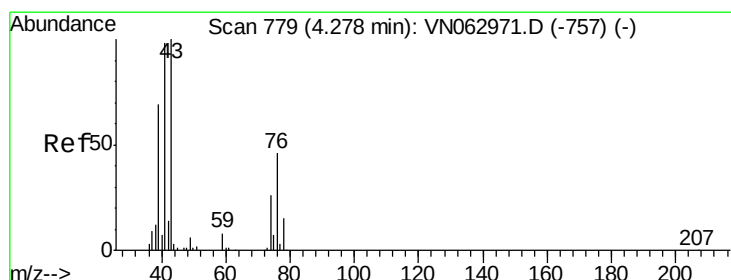
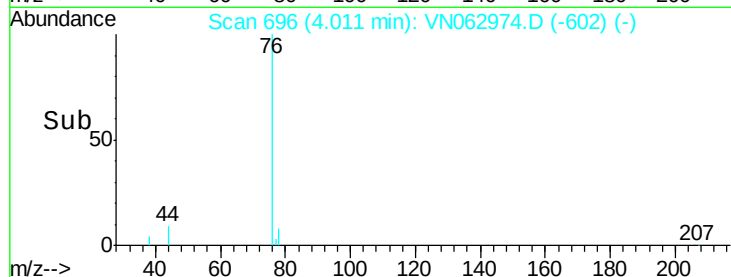
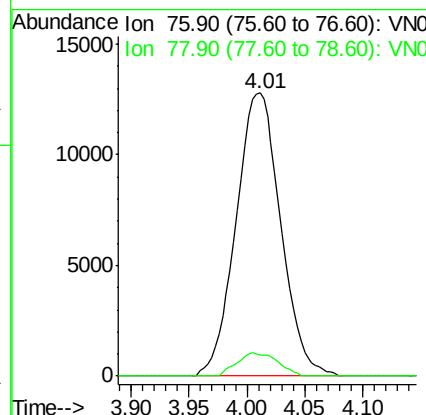
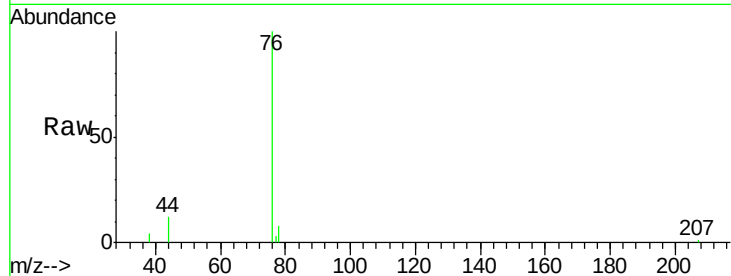




#17
Carbon Disulfide
Concen: 5.737 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

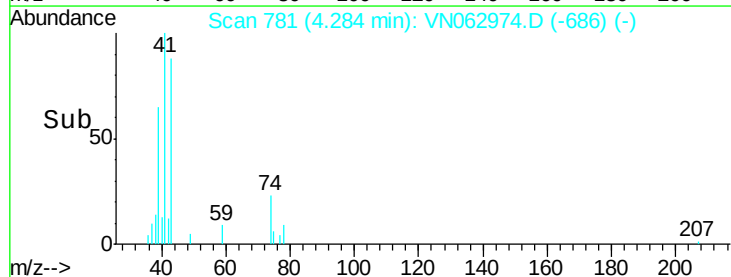
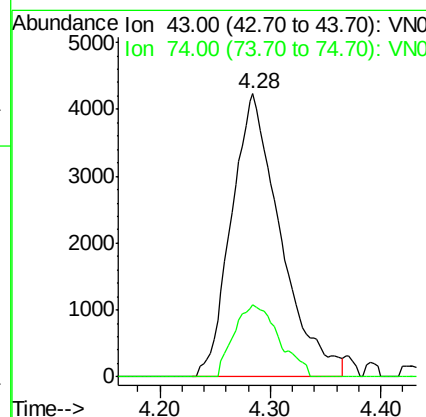
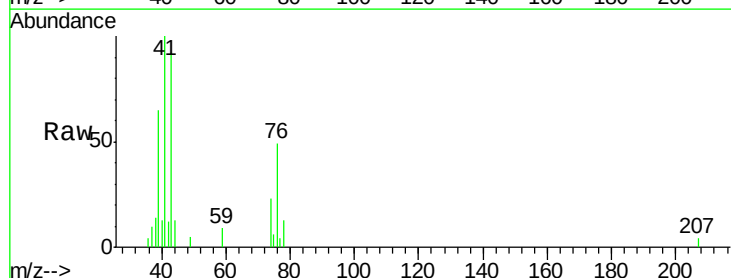
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

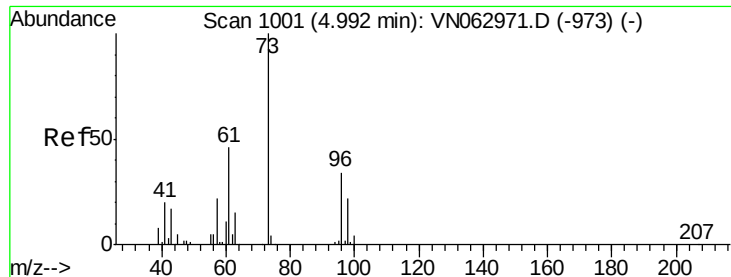
Tgt Ion: 76 Resp: 34215
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0



#18
Methyl Acetate
Concen: 3.222 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion: 43 Resp: 13041
Ion Ratio Lower Upper
43 100
74 23.3 21.6 32.4

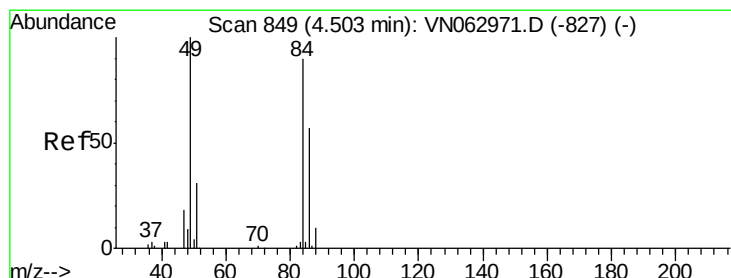
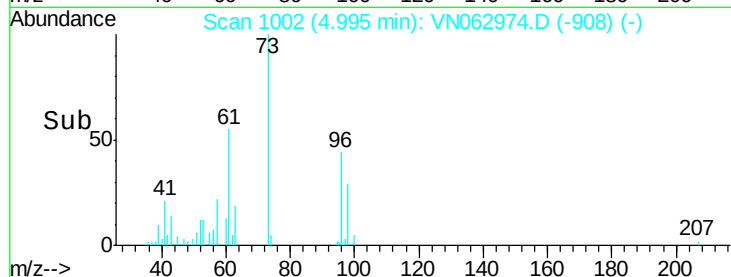
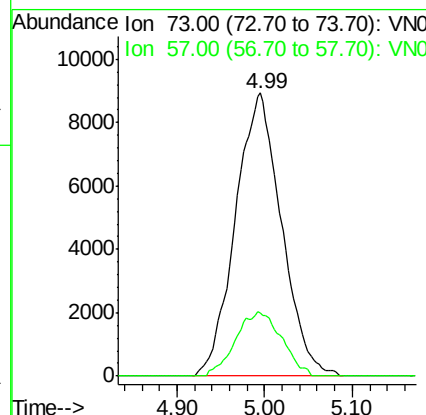
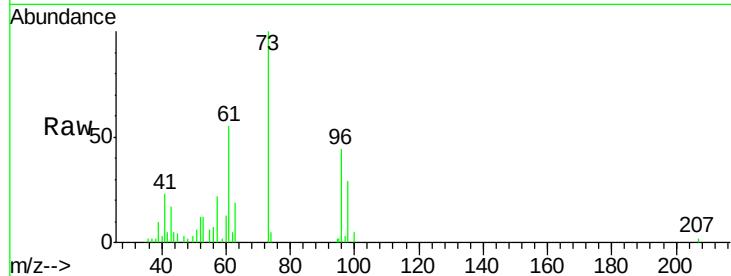




#19
Methyl tert-butyl Ether
Concen: 4.803 ug/l
RT: 4.99 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

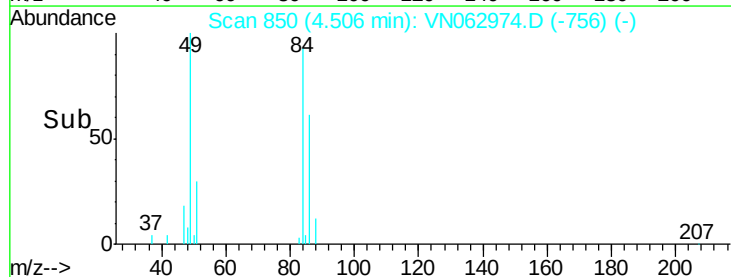
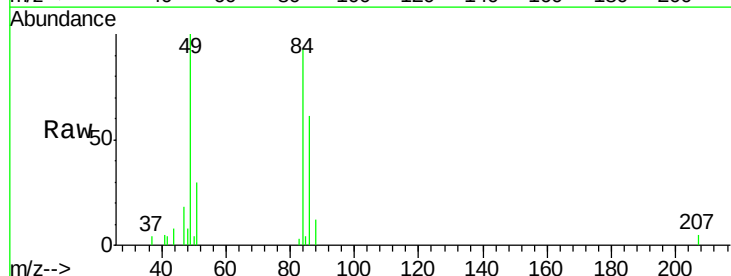
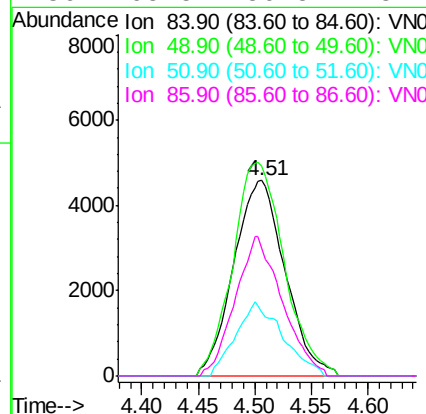
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

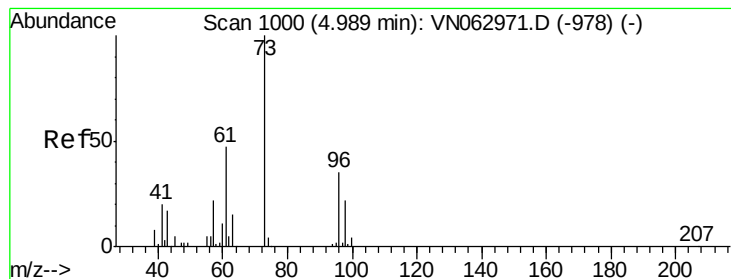
Tgt Ion: 73 Resp: 32606
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4



#20
Methylene Chloride
Concen: 6.575 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion: 84 Resp: 14478
Ion Ratio Lower Upper
84 100
49 107.6 88.8 133.2
51 32.7 27.1 40.7
86 65.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 5.703 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

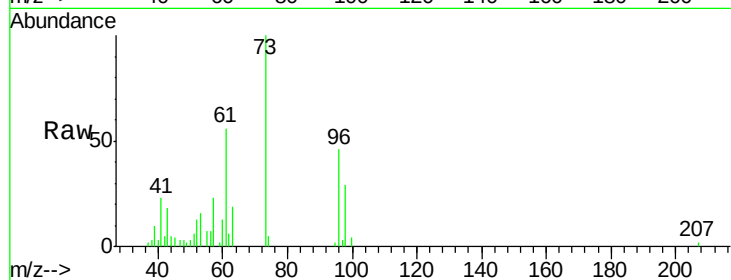
Tgt Ion: 96 Resp: 12414

Ion Ratio Lower Upper

96 100

61 121.0 107.7 161.5

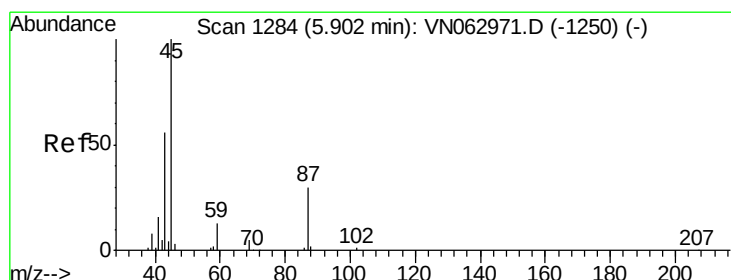
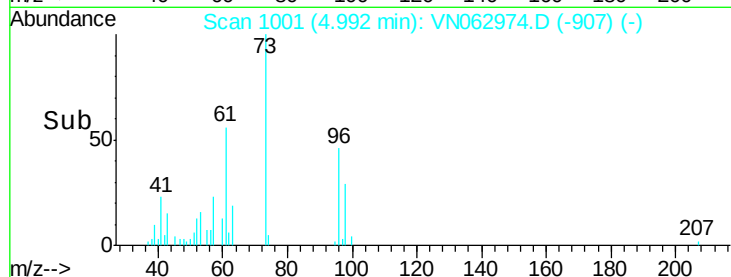
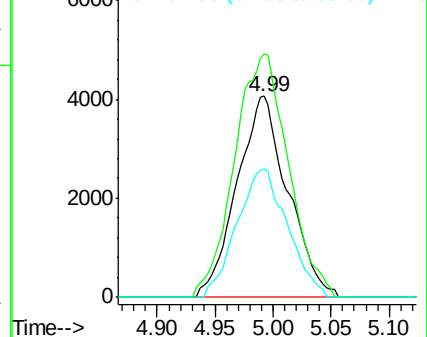
98 63.8 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062974.D (-978) (-)

Ion 60.90 (60.60 to 61.60): VN062974.D (-978) (-)

Ion 97.90 (97.60 to 98.60): VN062974.D (-978) (-)



#22

Diisopropyl ether

Concen: 4.779 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Tgt Ion: 45 Resp: 33135

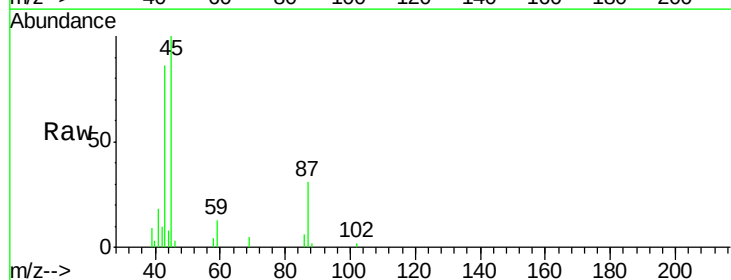
Ion Ratio Lower Upper

45 100

43 80.2 47.1 70.7#

87 31.0 24.3 36.5

59 13.3 10.4 15.6

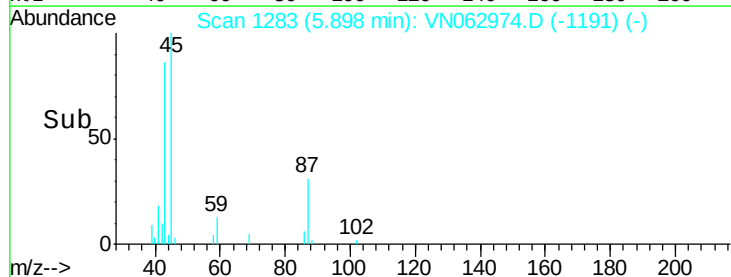
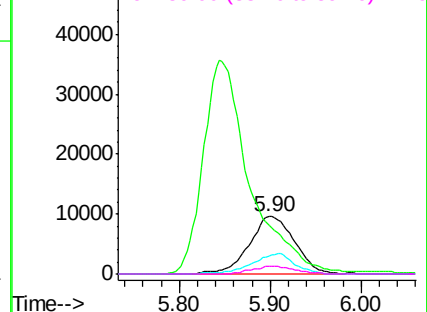


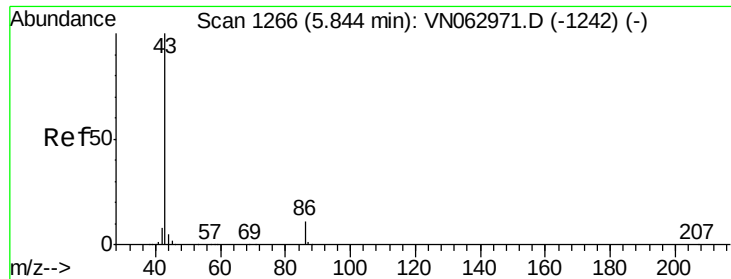
Abundance Ion 45.00 (44.70 to 45.70): VN062974.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062974.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062974.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062974.D (-1191) (-)

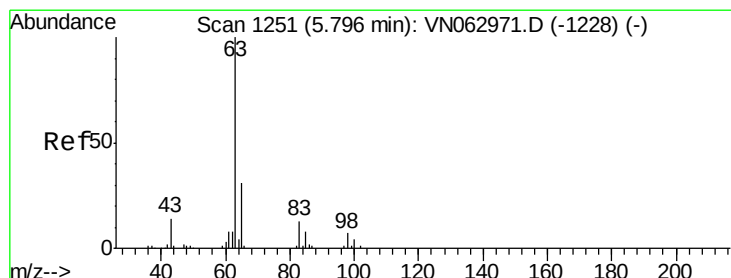
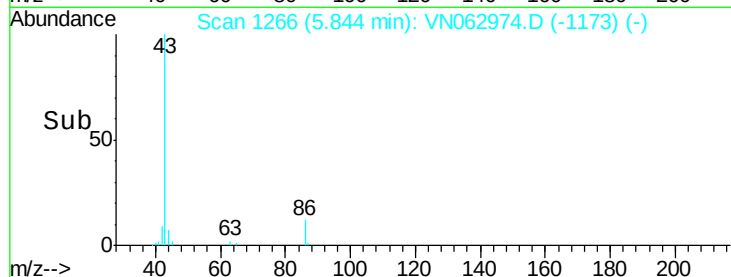
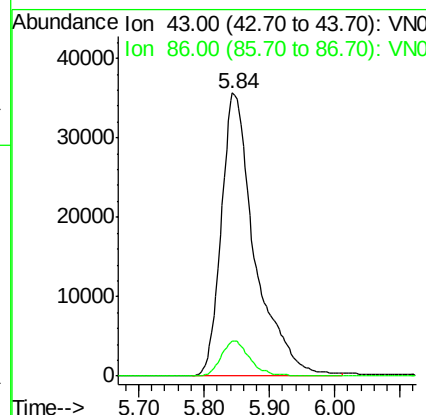
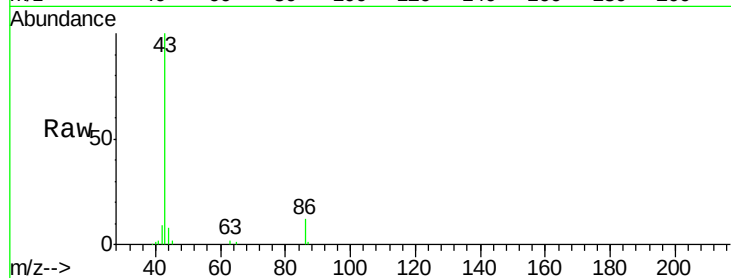




#23
 Vinyl Acetate
 Concen: 26.117 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

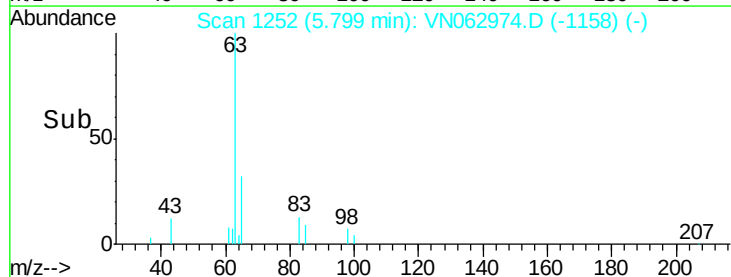
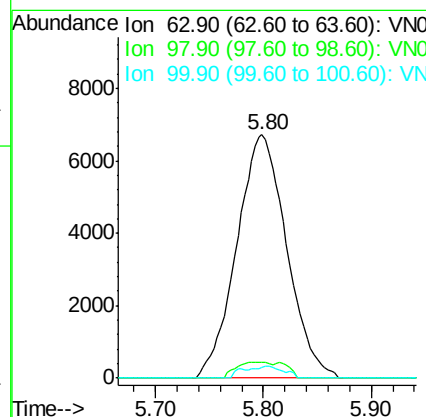
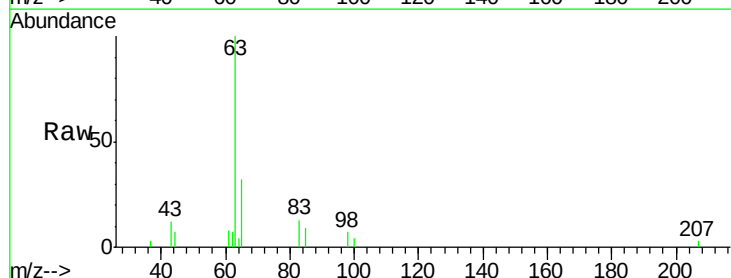
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

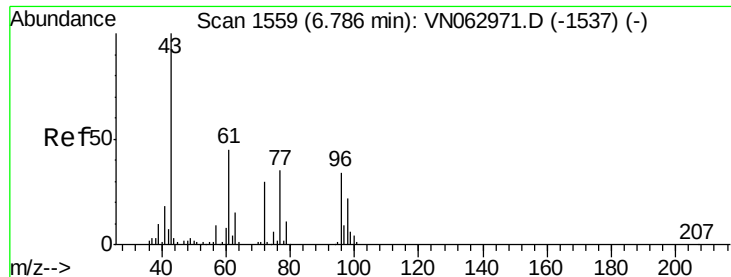
Tgt Ion: 43 Resp: 127647
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 5.316 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion: 63 Resp: 21553
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.4 2.0 6.0

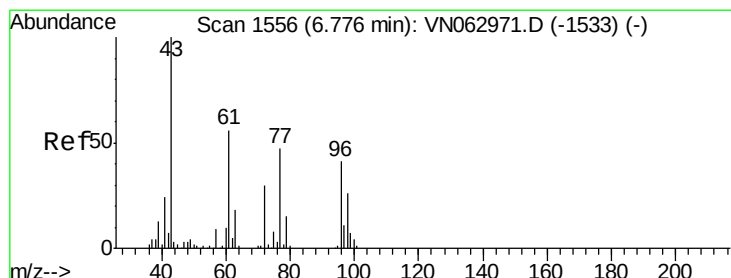
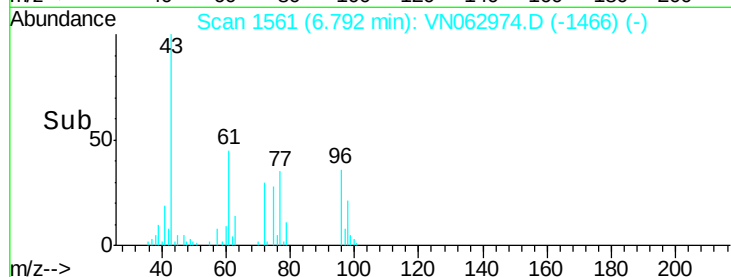
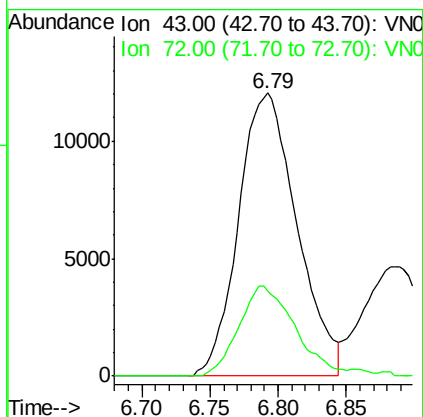
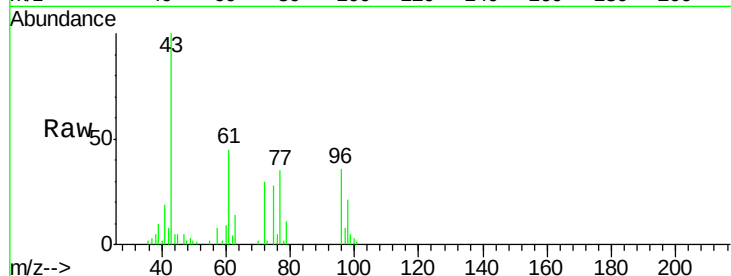




#25
2-Butanone
Concen: 25.073 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

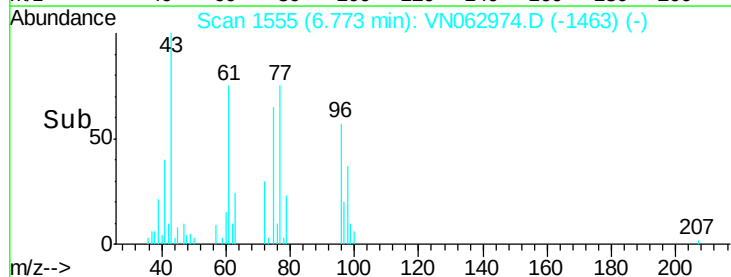
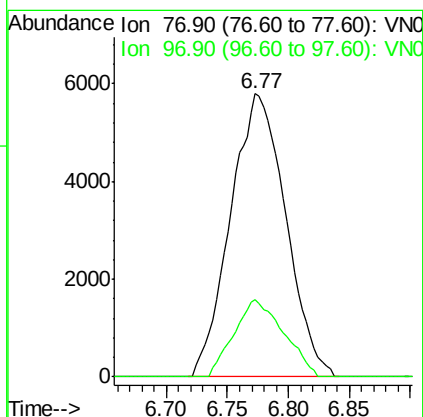
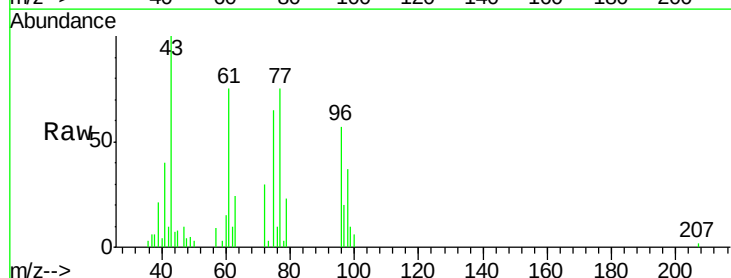
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

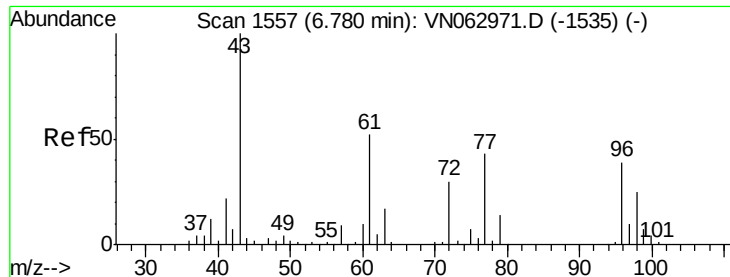
Tgt Ion: 43 Resp: 35859
Ion Ratio Lower Upper
43 100
72 30.1 23.9 35.9



#26
2,2-Dichloropropane
Concen: 5.434 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion: 77 Resp: 18210
Ion Ratio Lower Upper
77 100
97 24.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 5.569 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

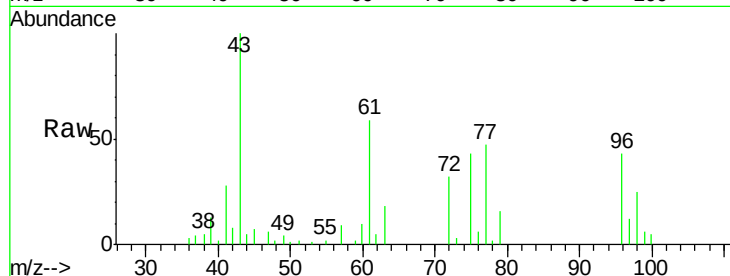
Tgt Ion: 96 Resp: 14384

Ion Ratio Lower Upper

96 100

61 135.5 0.0 270.4

98 59.2 0.0 128.2

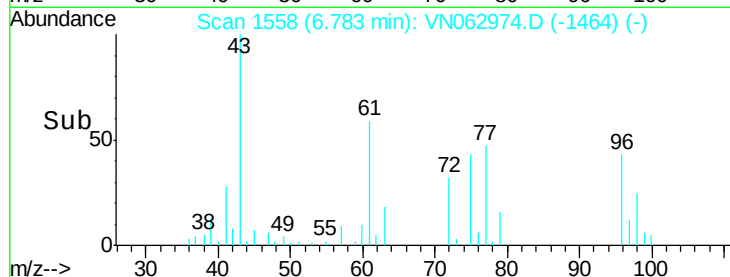


Abundance Ion 95.90 (95.60 to 96.60): VN062974.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN062974.D (-1535) (-)

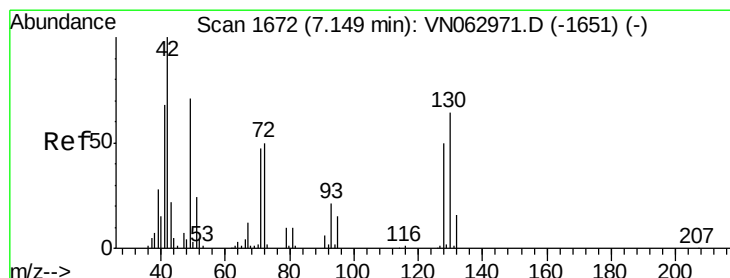
Ion 97.90 (97.60 to 98.60): VN062974.D (-1535) (-)

Time-->



6.78

Time-->



#28

Bromochloromethane

Concen: 5.032 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

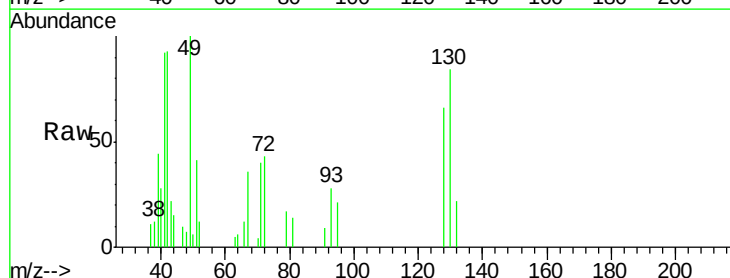
Tgt Ion: 49 Resp: 9835

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 90.8 73.5 110.3

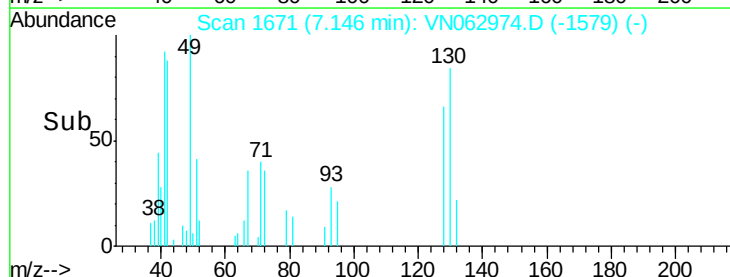


Abundance Ion 48.90 (48.60 to 49.60): VN062974.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062974.D (-1579) (-)

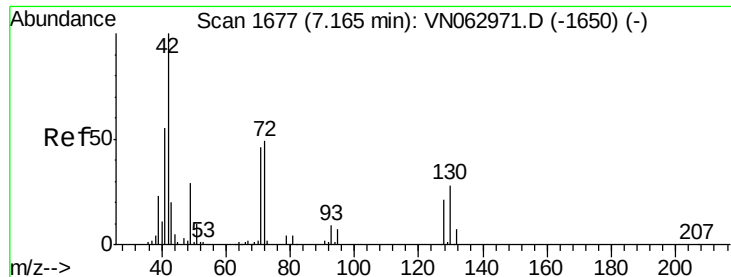
Ion 129.80 (129.50 to 130.50): VN062974.D (-1579) (-)

Time-->



7.15

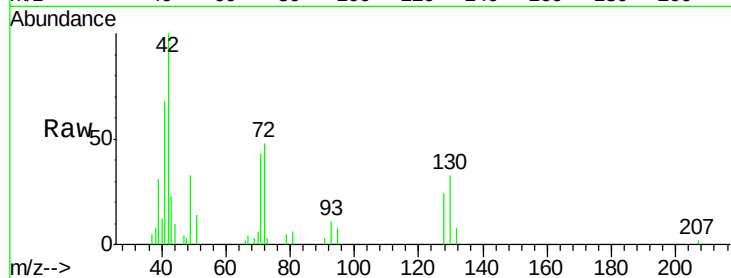
Time-->



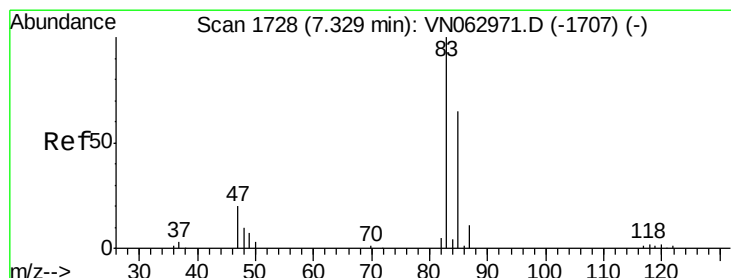
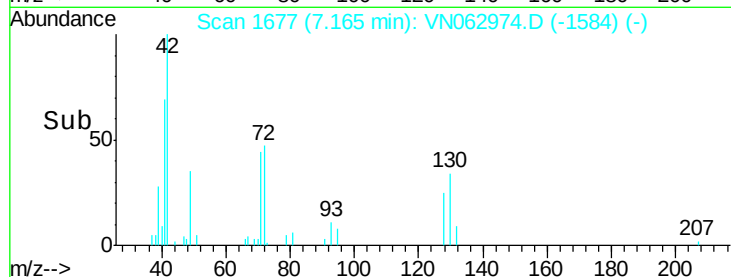
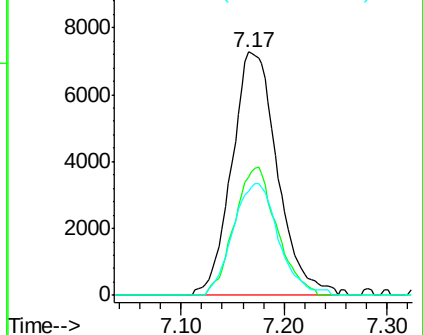
#29
Tetrahydrofuran
Concen: 17.192 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 22417
Ion Ratio Lower Upper
42 100
72 48.9 39.4 59.2
71 45.8 37.2 55.8

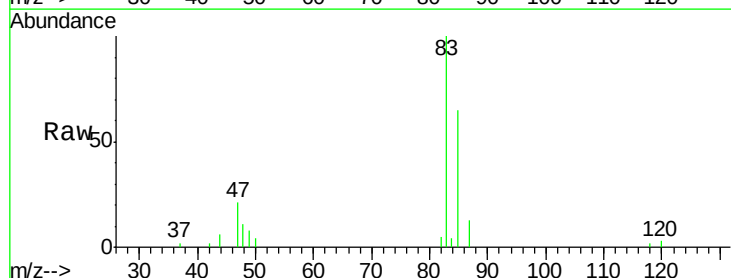


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

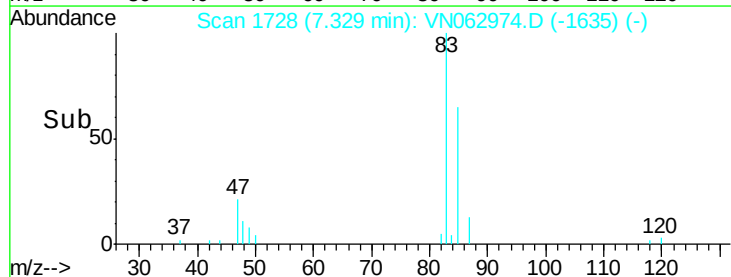
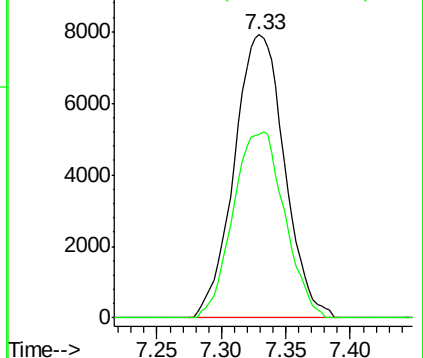


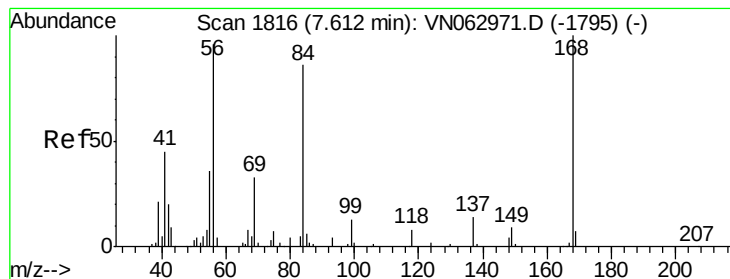
#30
Chloroform
Concen: 5.088 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion: 83 Resp: 21508
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.4



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





#31

Cyclohexane

Concen: 5.284 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

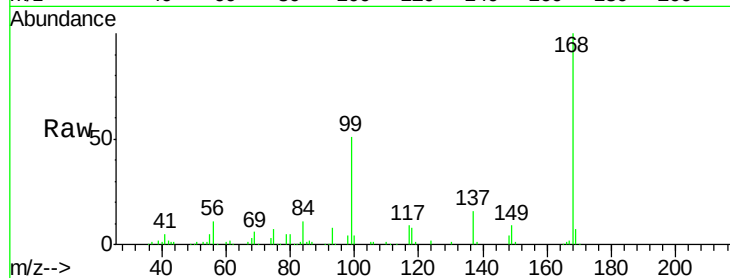
Tgt Ion: 56 Resp: 20888

Ion Ratio Lower Upper

56 100

69 55.6 27.4 41.2#

84 100.9 71.3 106.9

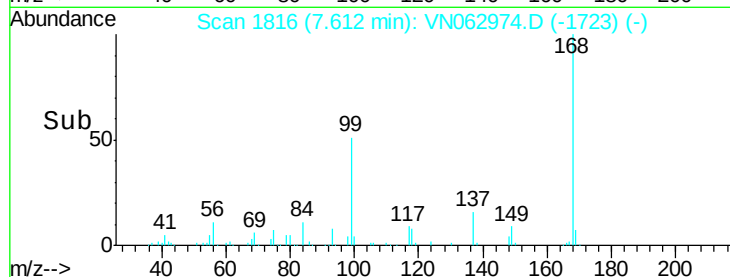


Abundance Ion 56.00 (55.70 to 56.70): VN062974.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062974.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062974.D (-1795) (-)

Time-->



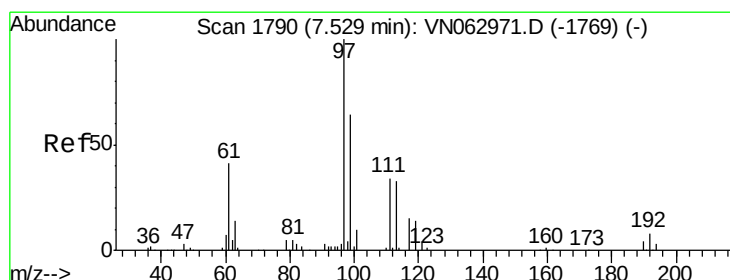
Abundance

Ion 56.00 (55.70 to 56.70): VN062974.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062974.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062974.D (-1795) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 5.323 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

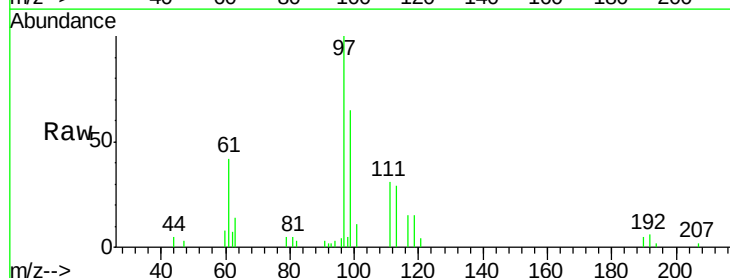
Tgt Ion: 97 Resp: 18677

Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.4

61 43.4 33.5 50.3

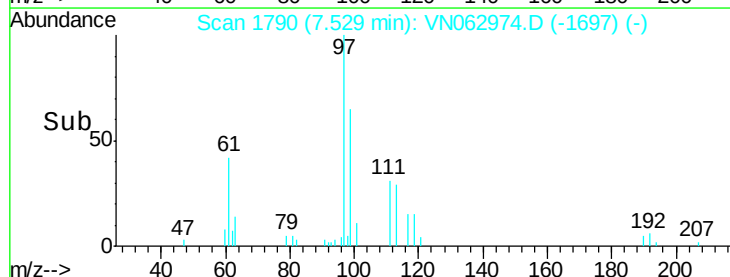


Abundance Ion 96.90 (96.60 to 97.60): VN062974.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062974.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062974.D (-1697) (-)

Time-->



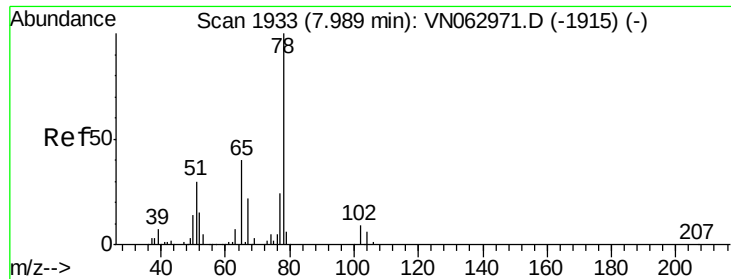
Abundance

Ion 96.90 (96.60 to 97.60): VN062974.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062974.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062974.D (-1697) (-)

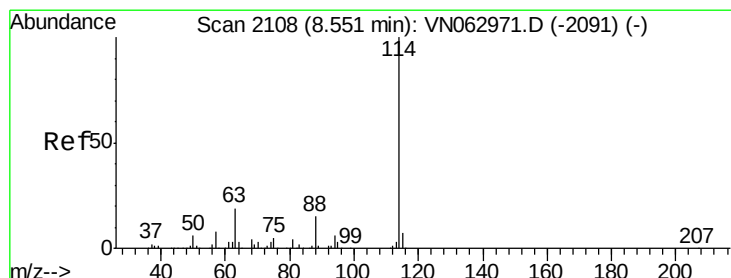
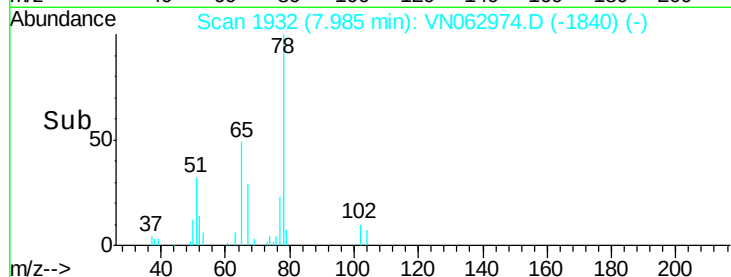
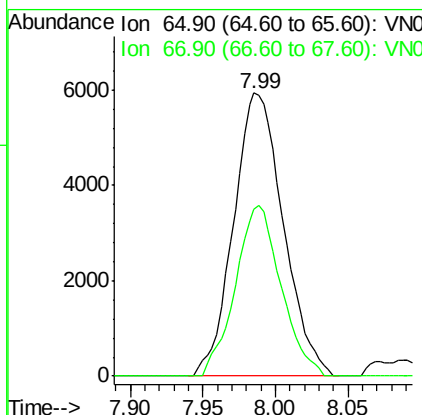
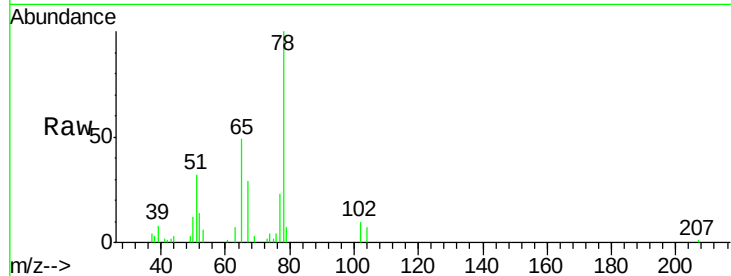
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 5.526 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

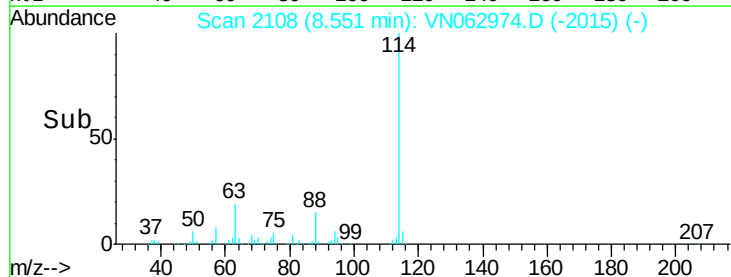
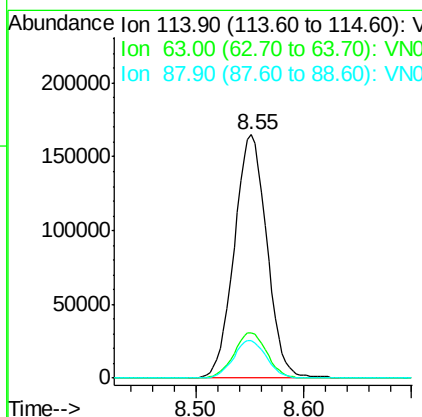
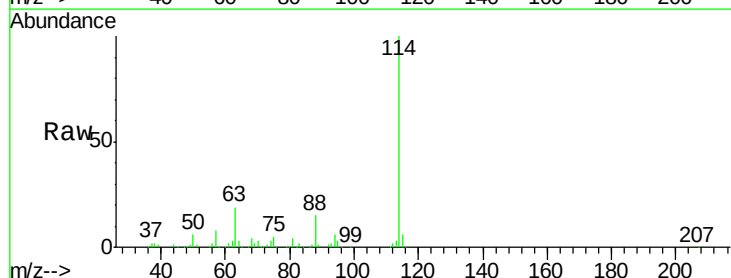
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

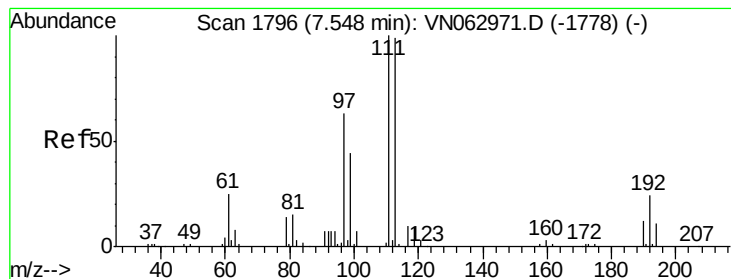
Tgt Ion: 65 Resp: 14163
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion: 114 Resp: 347877
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.6
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 5.392 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

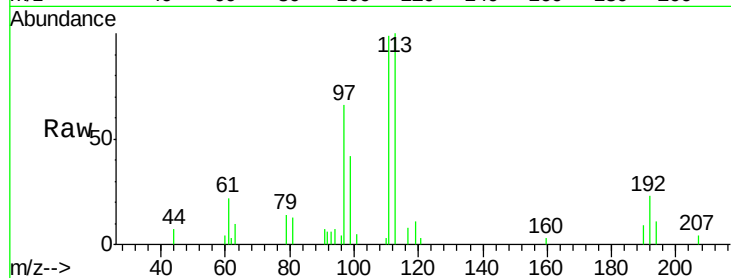
Tgt Ion: 113 Resp: 12217

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

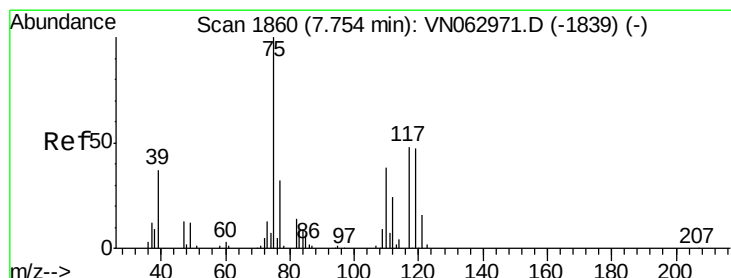
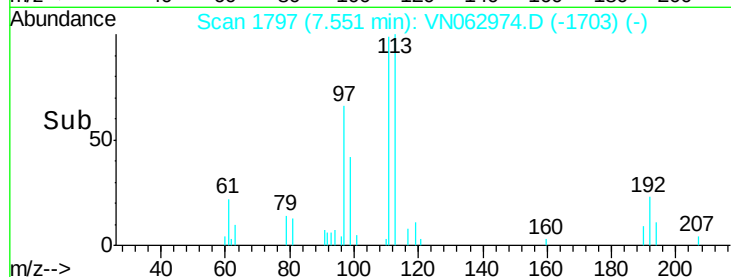
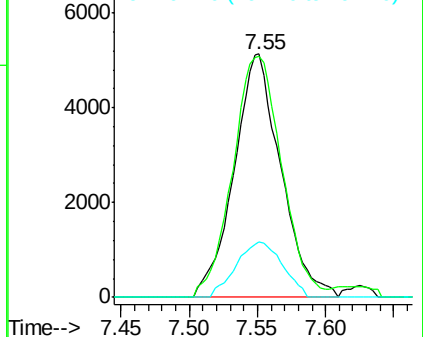
192 22.6 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.650 ug/l

RT: 7.75 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

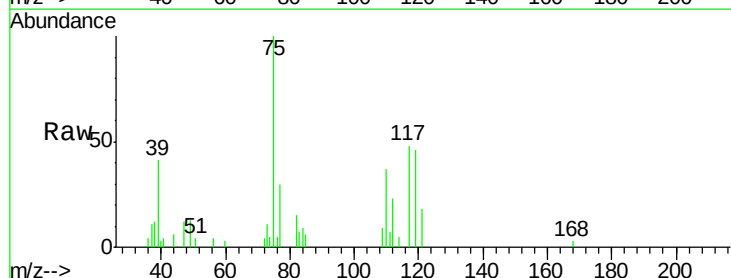
Tgt Ion: 75 Resp: 16860

Ion Ratio Lower Upper

75 100

110 35.7 18.7 56.1

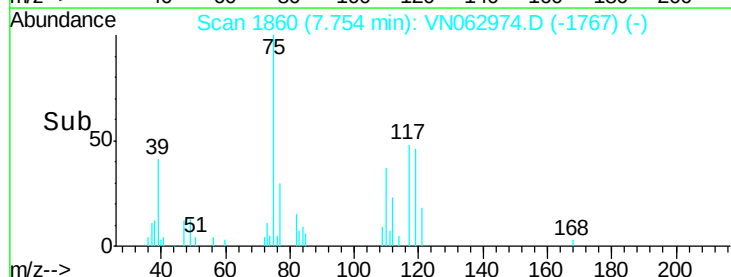
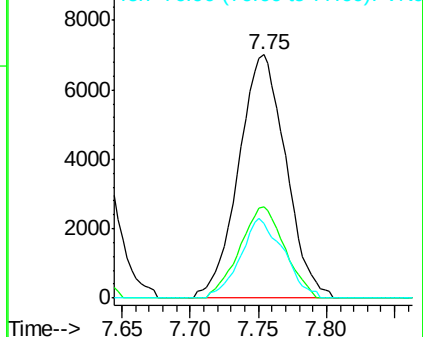
77 29.9 25.6 38.4

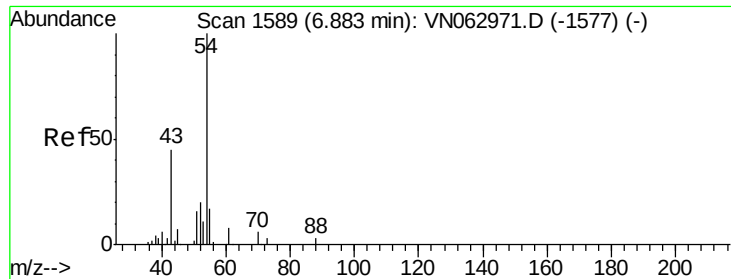


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

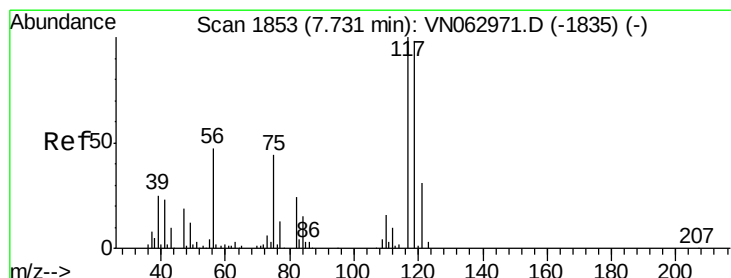
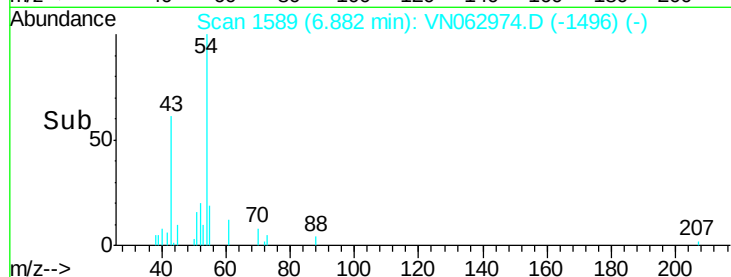
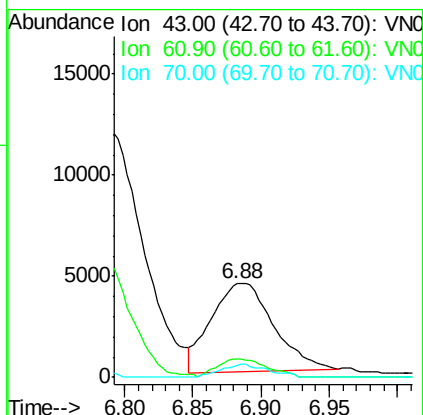
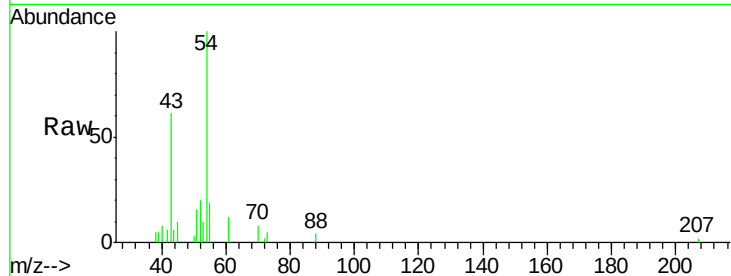




#37
Ethyl Acetate
Concen: 5.083 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

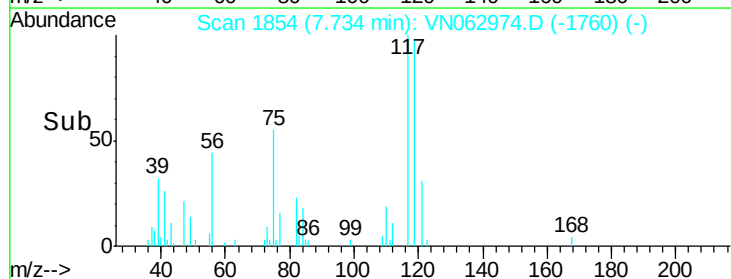
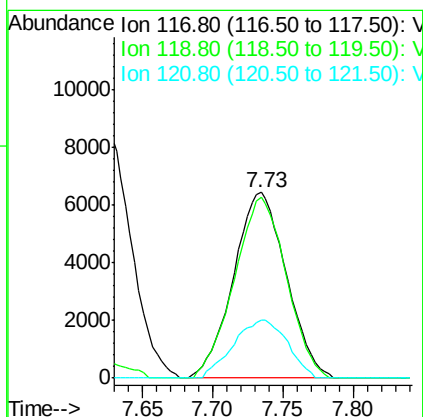
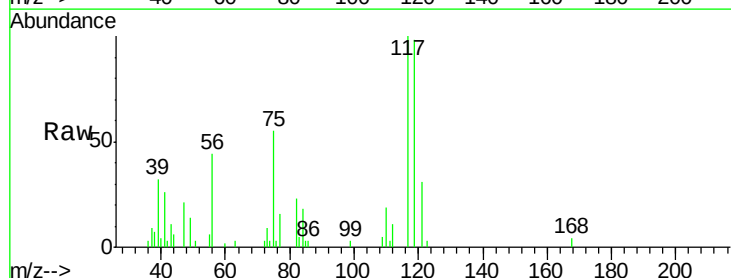
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

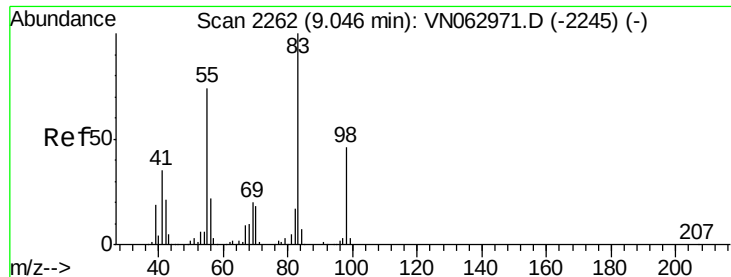
Tgt Ion: 43 Resp: 13858
Ion Ratio Lower Upper
43 100
61 16.8 12.4 18.6
70 11.2 9.9 14.9



#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion: 117 Resp: 16851
Ion Ratio Lower Upper
117 100
119 97.7 77.9 116.9
121 31.1 24.8 37.2

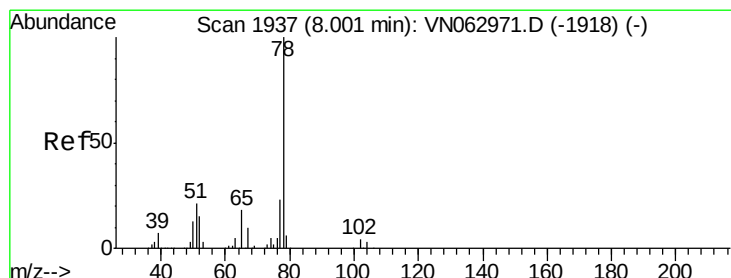
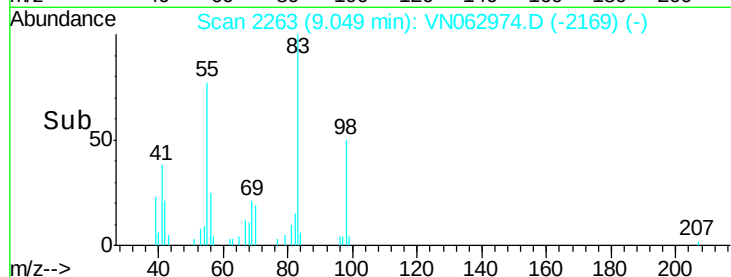
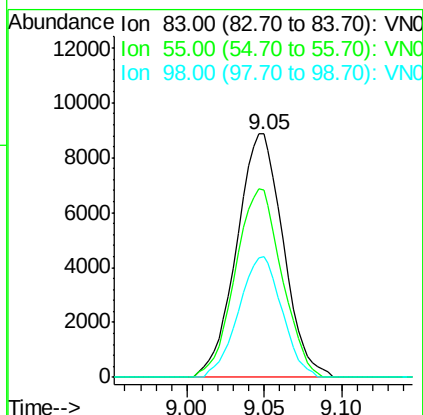
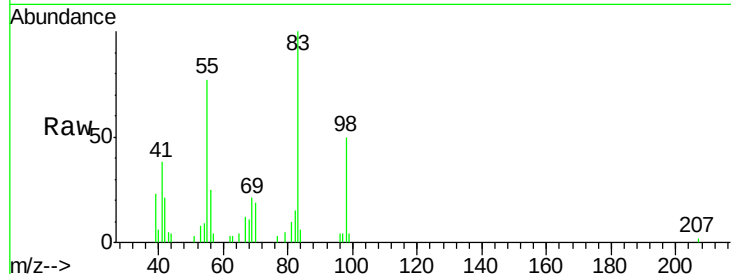




#39
Methylcyclohexane
Concen: 4.687 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

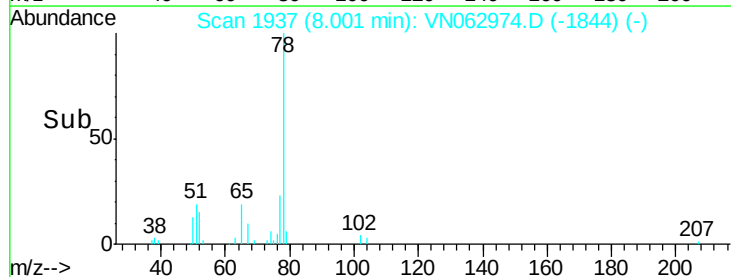
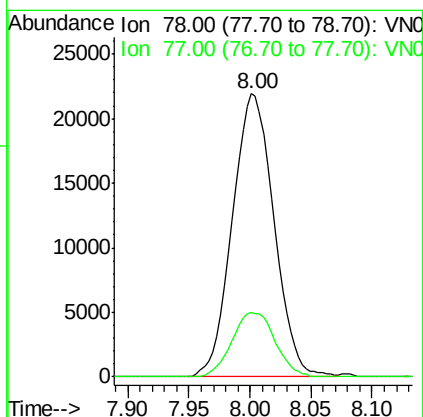
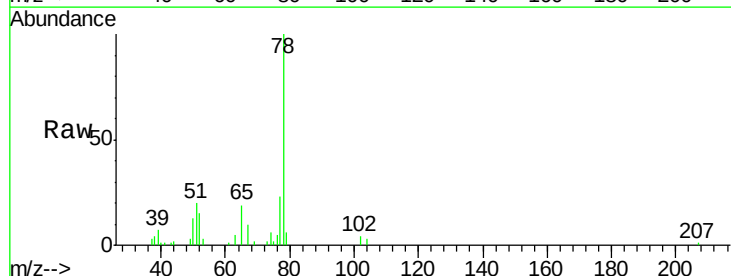
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

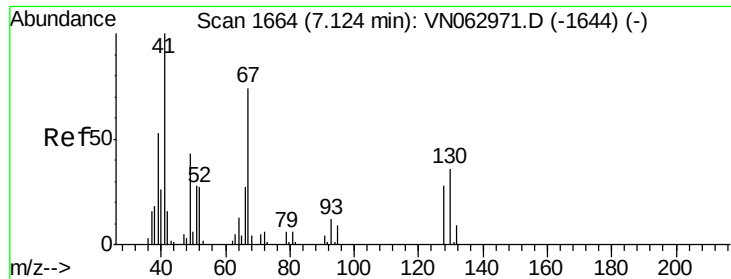
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.1	59.0	88.6
98	49.7	36.8	55.2



#40
Benzene
Concen: 5.498 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.6	27.8

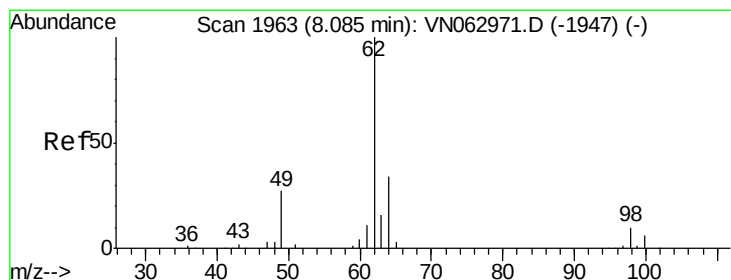
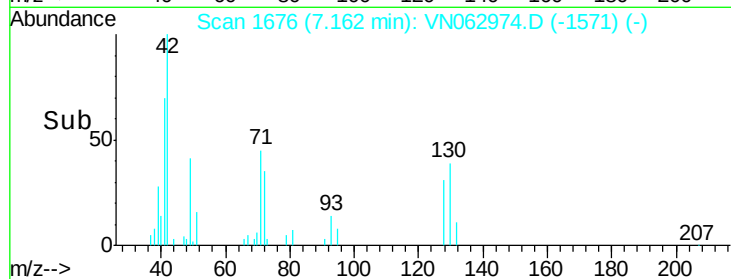
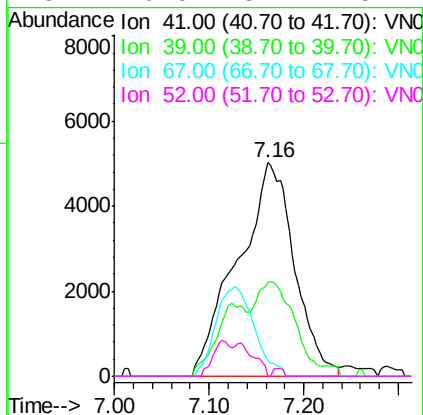
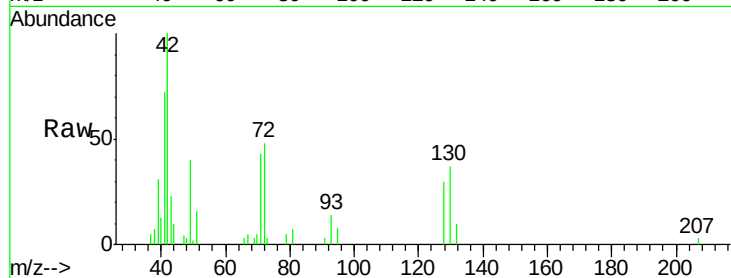




#41
Methacrylonitrile
Concen: 15.638 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

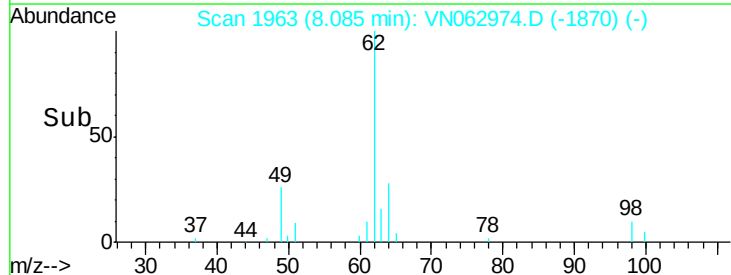
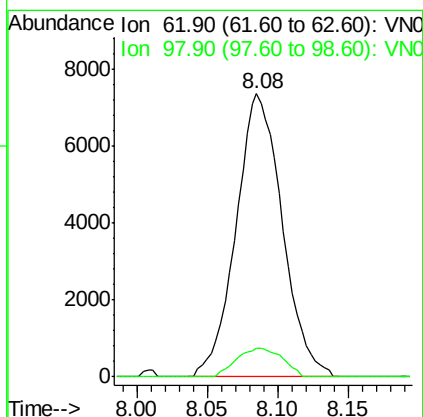
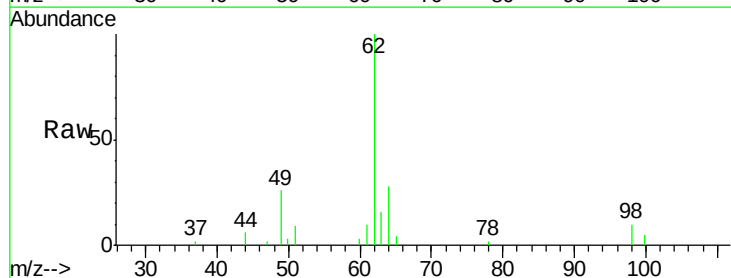
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

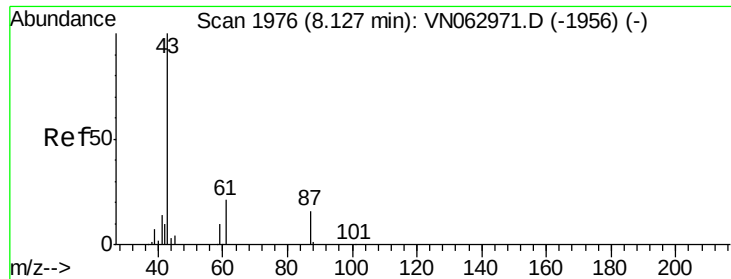
Tgt Ion: 41 Resp: 20908
Ion Ratio Lower Upper
41 100
39 29.9 58.6 88.0#
67 0.0 90.1 135.1#
52 0.0 34.7 52.1#



#42
1,2-Dichloroethane
Concen: 5.446 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion: 62 Resp: 16873
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.8





#43

Isopropyl Acetate

Concen: 5.088 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

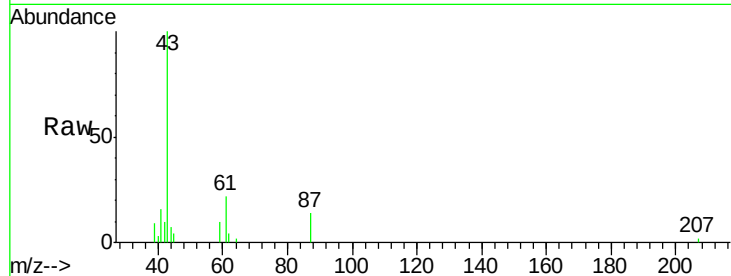
Tgt Ion: 43 Resp: 22040

Ion Ratio Lower Upper

43 100

61 31.3 24.6 36.8

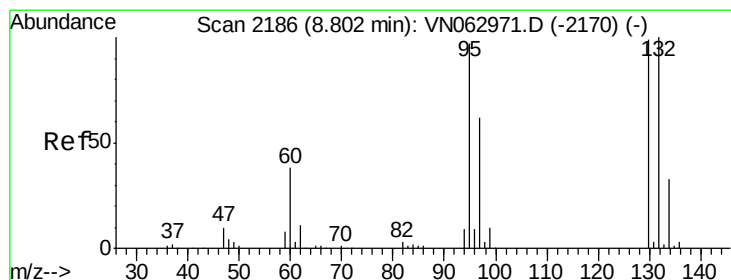
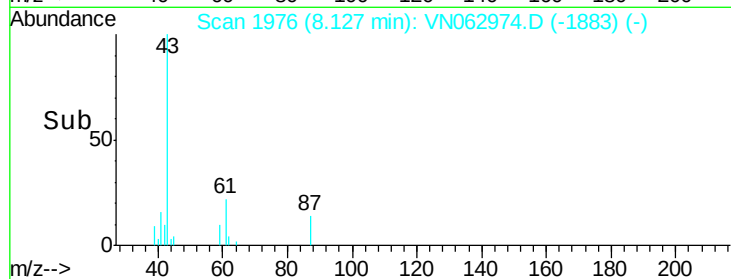
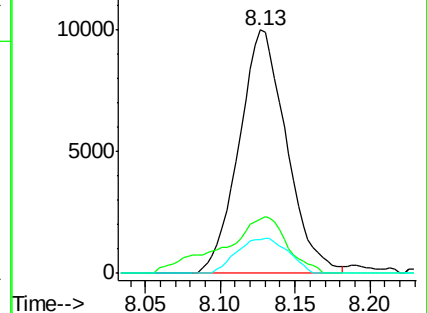
87 15.5 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VN062974.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN062974.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN062974.D (-1956) (-)



#44

Trichloroethene

Concen: 5.497 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062974.D

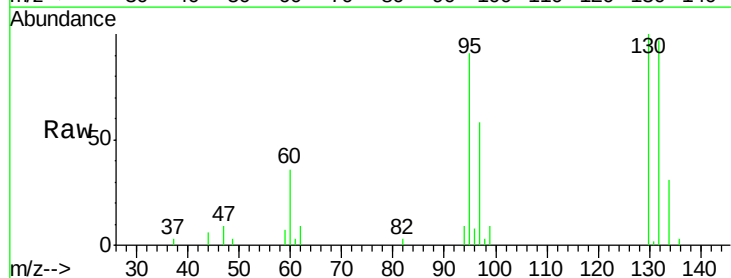
Acq: 17 Aug 2020 16:20

Tgt Ion: 130 Resp: 13989

Ion Ratio Lower Upper

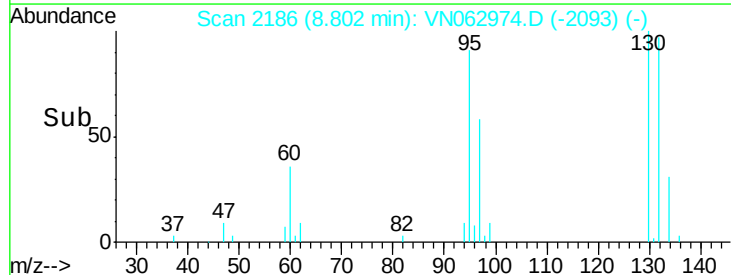
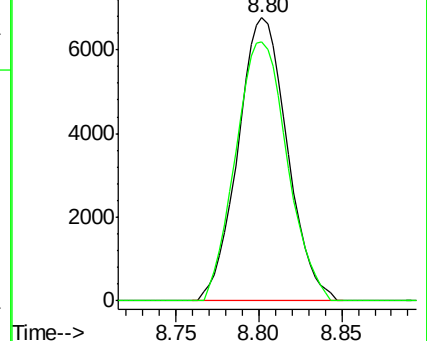
130 100

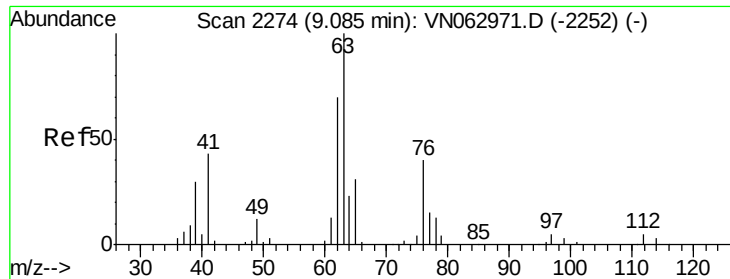
95 91.4 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VN062974.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062974.D (-2170) (-)

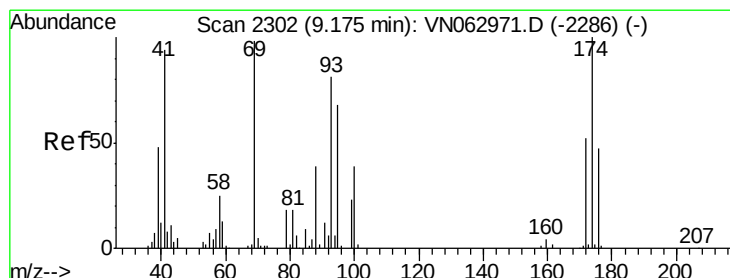
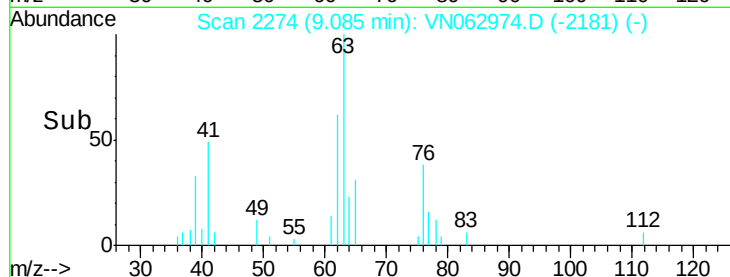
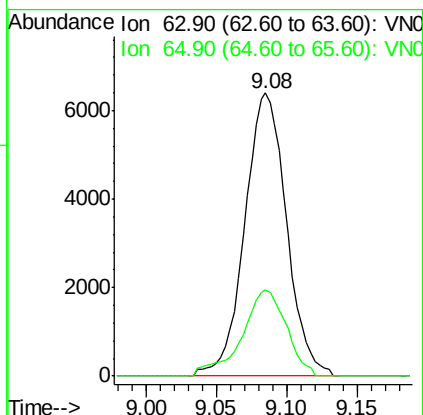
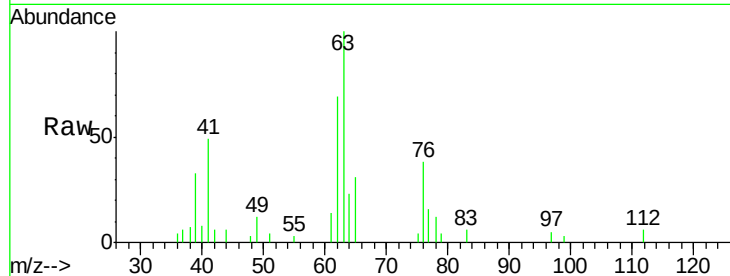




#45
 1,2-Dichloropropane
 Concen: 5.040 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

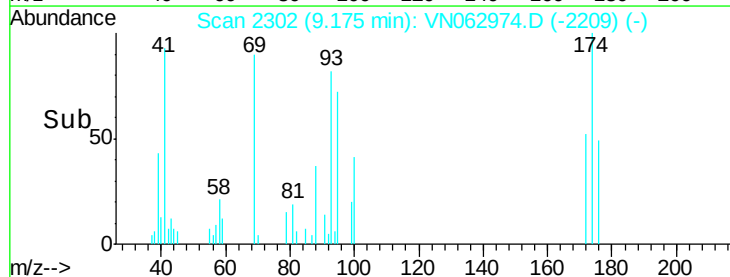
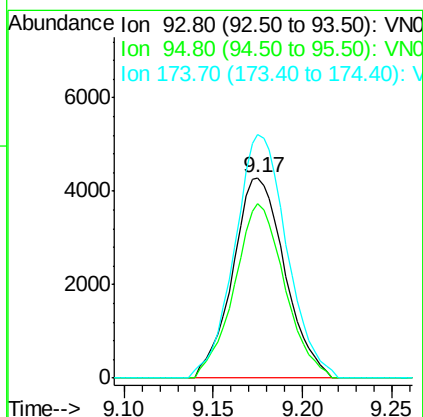
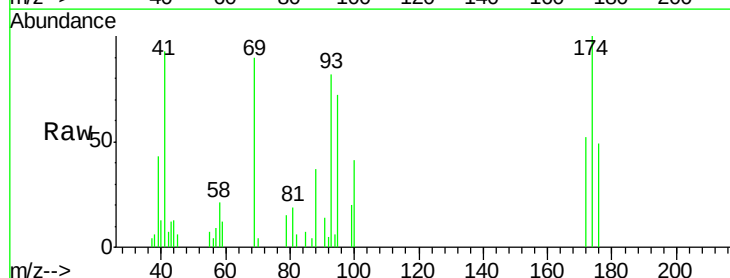
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

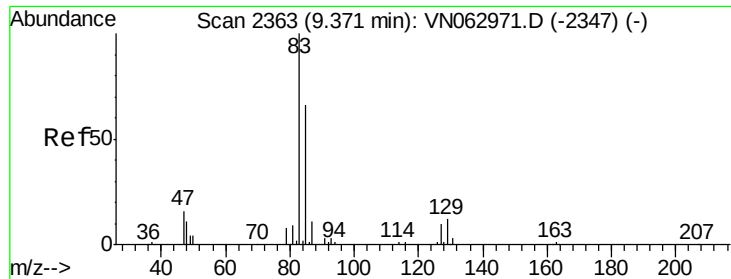
Tgt Ion: 63 Resp: 13256
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 5.337 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion: 93 Resp: 8739
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 99.8
 174 121.9 96.6 145.0

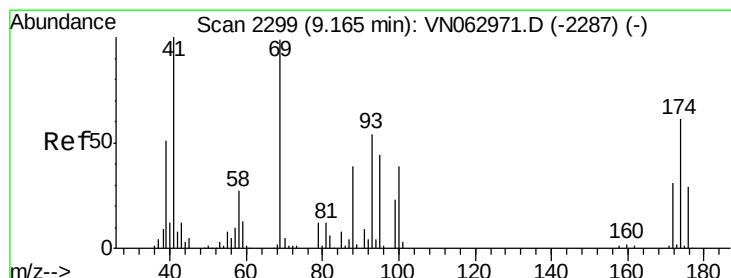
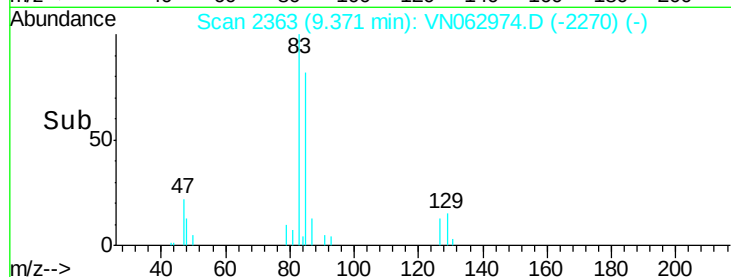
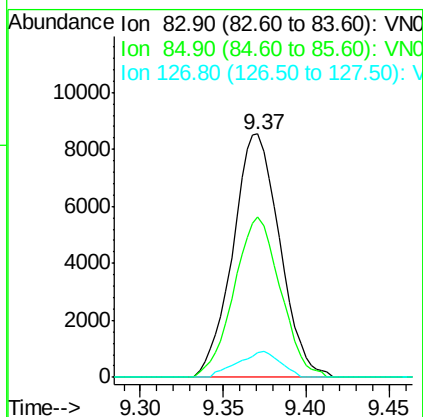
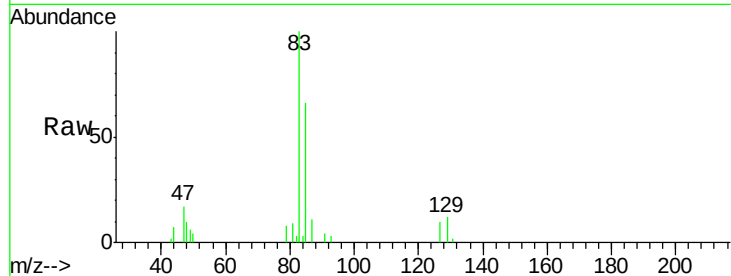




#47
 Bromodichloromethane
 Concen: 5.075 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

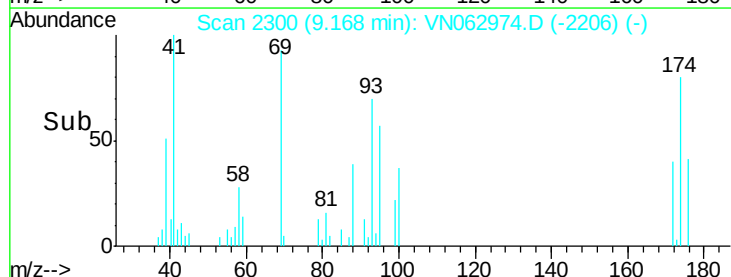
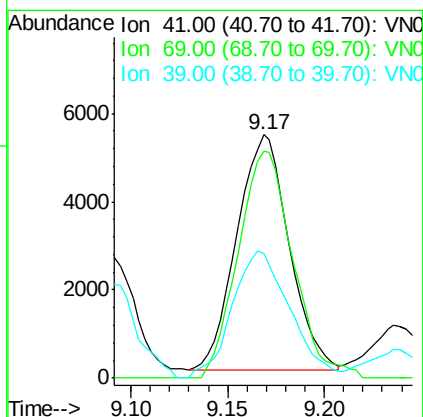
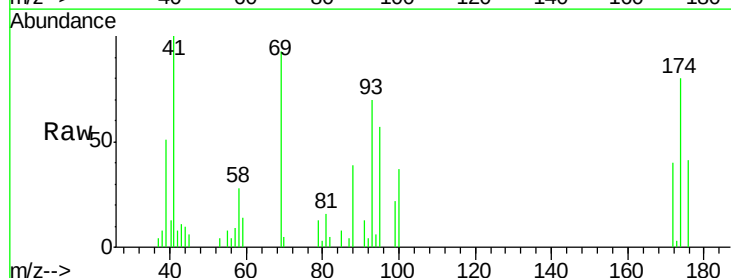
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

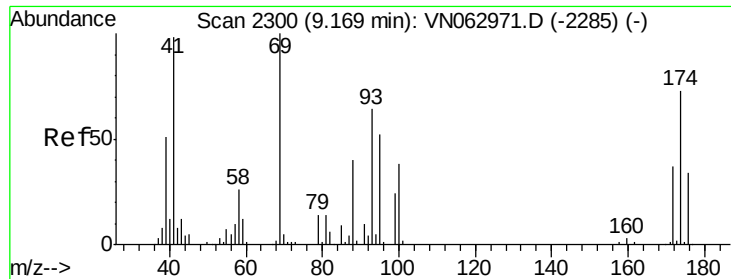
Tgt Ion: 83 Resp: 16856
 Ion Ratio Lower Upper
 83 100
 85 65.7 52.4 78.6
 127 10.1 7.8 11.6



#48
 Methyl methacrylate
 Concen: 4.740 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion: 41 Resp: 10043
 Ion Ratio Lower Upper
 41 100
 69 100.7 81.1 121.7
 39 59.2 42.4 63.6





#49

1,4-Dioxane

Concen: 101.451 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

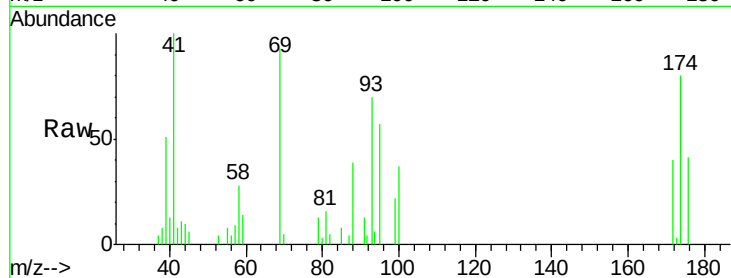
Tgt Ion: 88 Resp: 4546

Ion Ratio Lower Upper

88 100

43 31.0 23.1 34.7

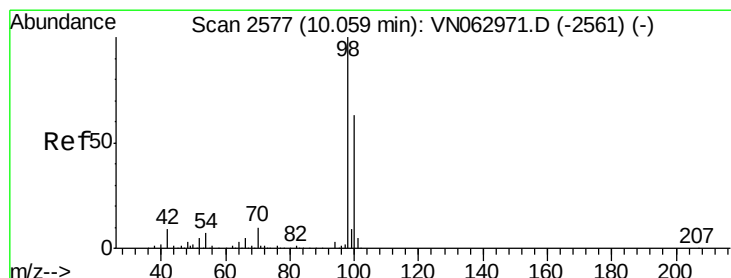
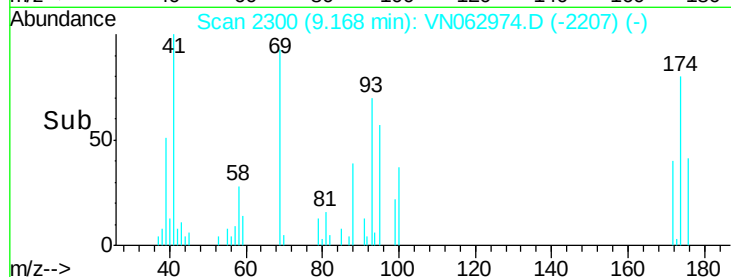
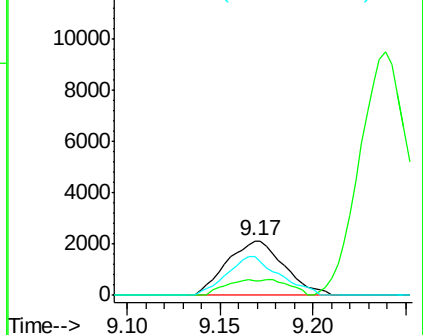
58 65.4 53.1 79.7



Abundance Ion 88.00 (87.70 to 88.70): VN062974.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN062974.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN062974.D (-2285) (-)



#50

Toluene-d8

Concen: 5.181 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062974.D

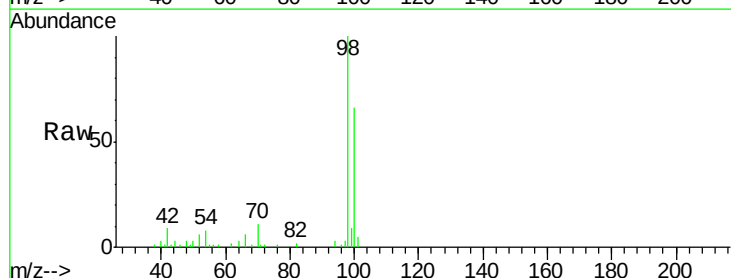
Acq: 17 Aug 2020 16:20

Tgt Ion: 98 Resp: 45559

Ion Ratio Lower Upper

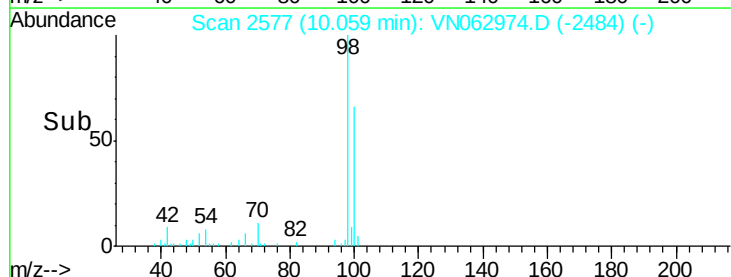
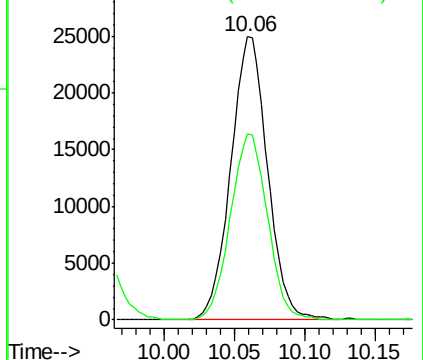
98 100

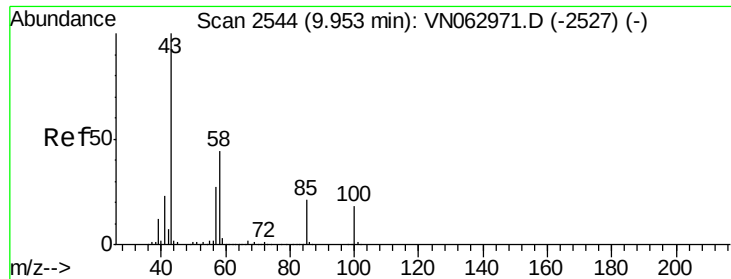
100 66.1 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN062974.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062974.D (-2561) (-)

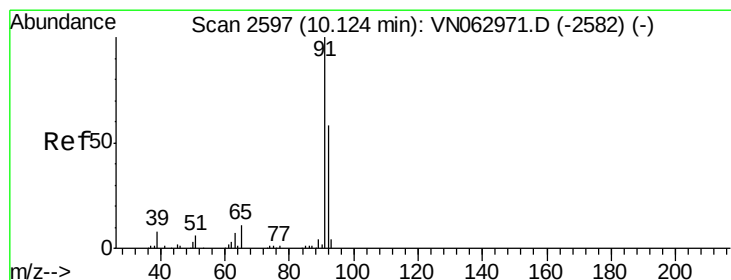
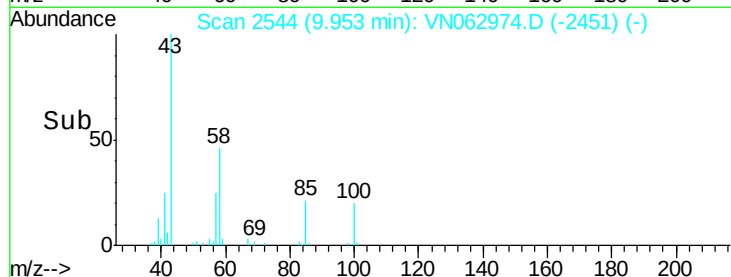
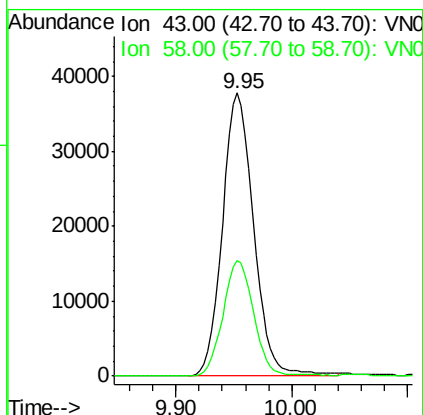
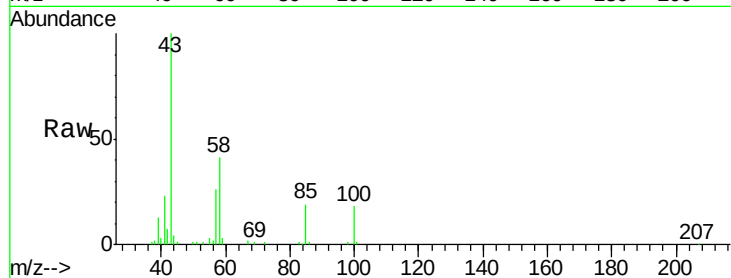




#51
 4-Methyl-2-Pentanone
 Concen: 24.390 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

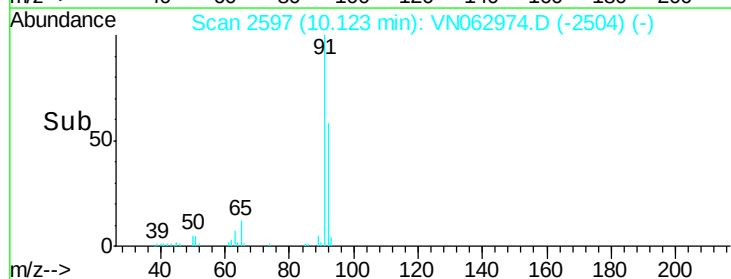
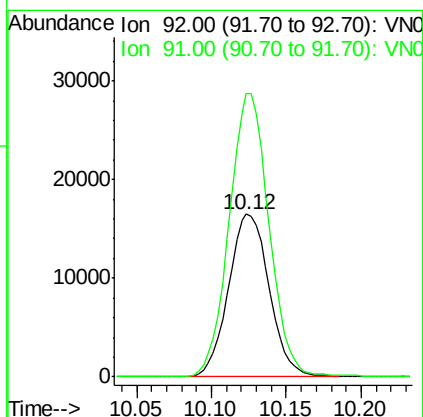
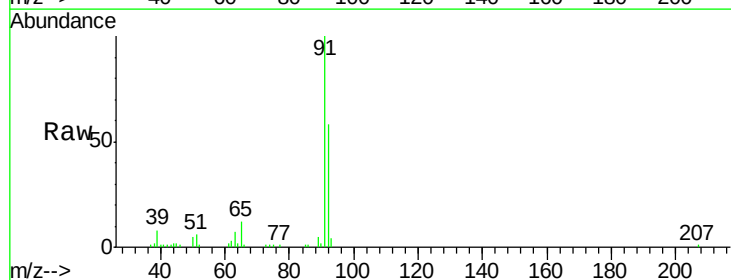
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

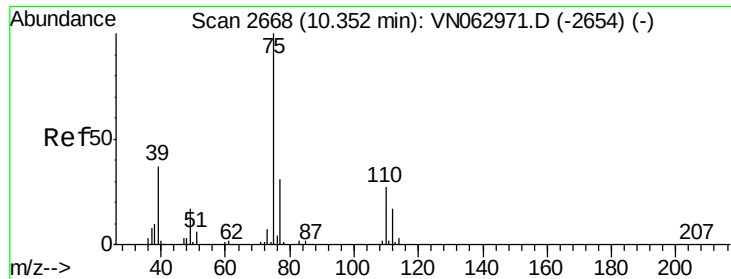
Tgt Ion: 43 Resp: 70682
 Ion Ratio Lower Upper
 43 100
 58 40.0 34.3 51.5



#52
 Toluene
 Concen: 5.239 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion: 92 Resp: 31242
 Ion Ratio Lower Upper
 92 100
 91 170.3 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 4.972 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampled :

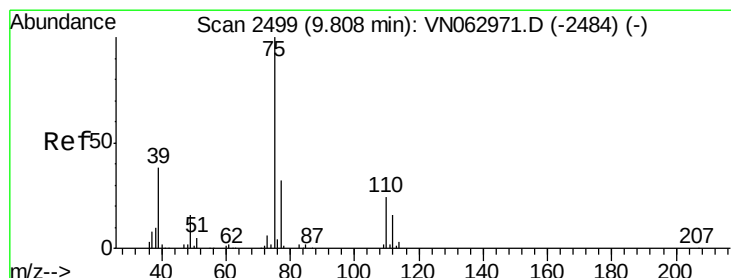
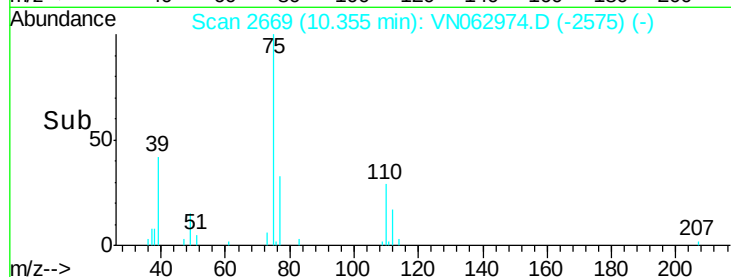
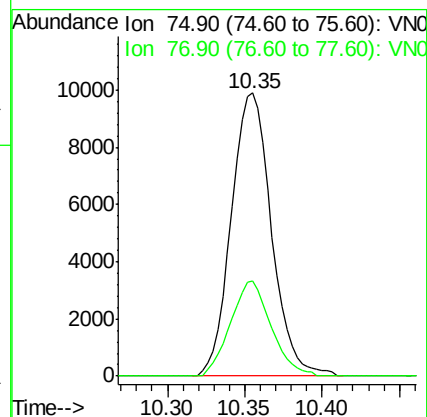
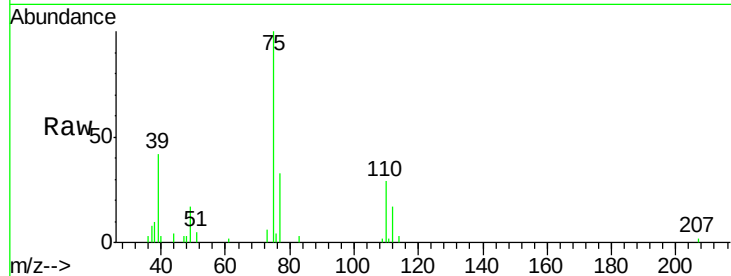
VSTDIC005

Tgt Ion: 75 Resp: 17814

Ion Ratio Lower Upper

75 100

77 33.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 5.141 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

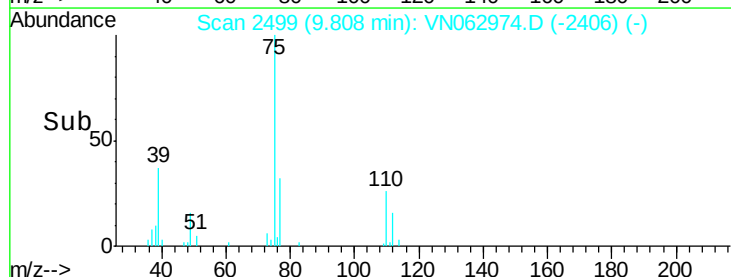
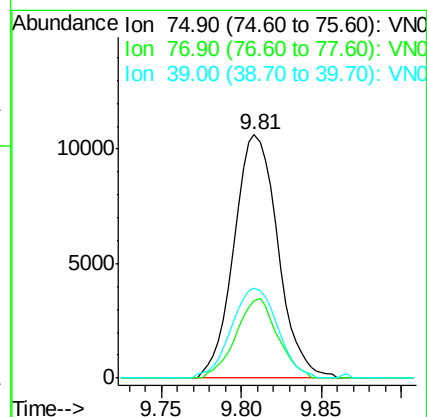
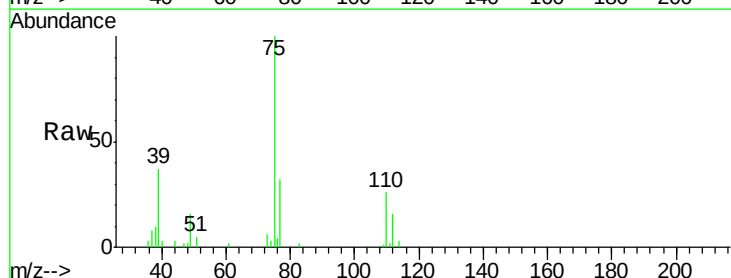
Tgt Ion: 75 Resp: 19881

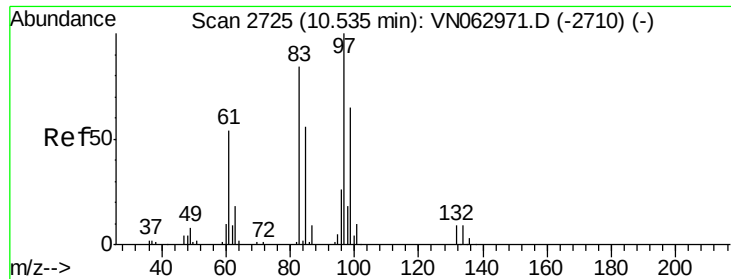
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 36.9 30.6 46.0





#55

1,1,2-Trichloroethane

Concen: 5.262 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tgt Ion: 97 Resp: 13301

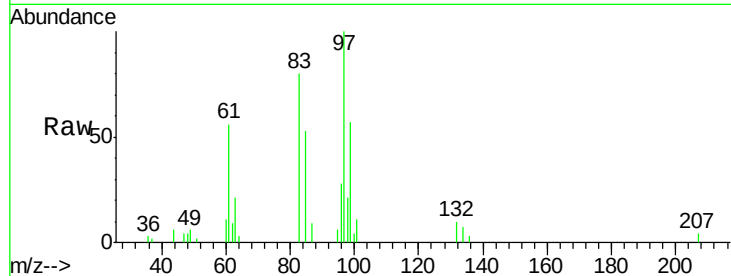
Ion Ratio Lower Upper

97 100

83 79.9 67.0 100.4

85 52.8 44.4 66.6

99 56.9 51.9 77.9

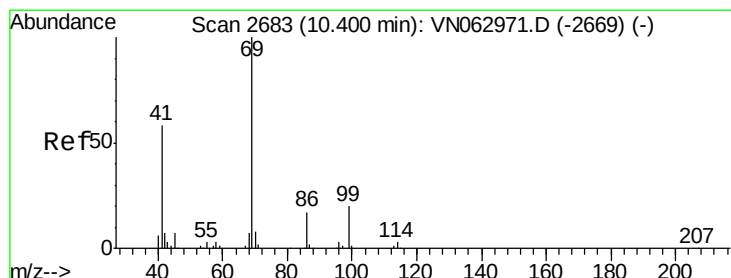
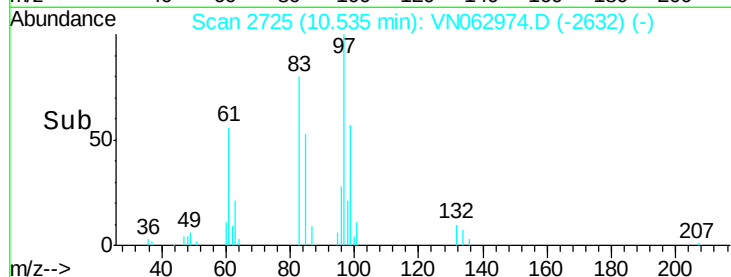
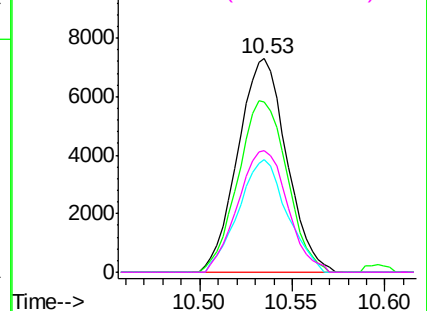


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 7.597 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

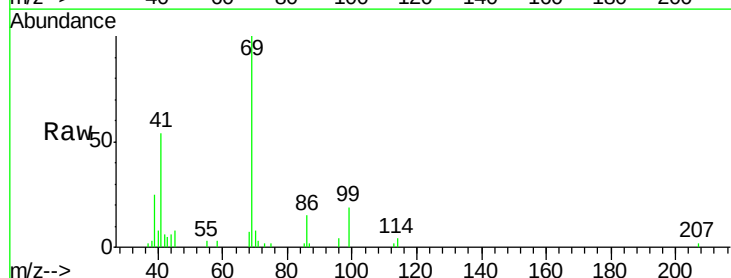
Tgt Ion: 69 Resp: 16280

Ion Ratio Lower Upper

69 100

41 58.2 46.0 69.0

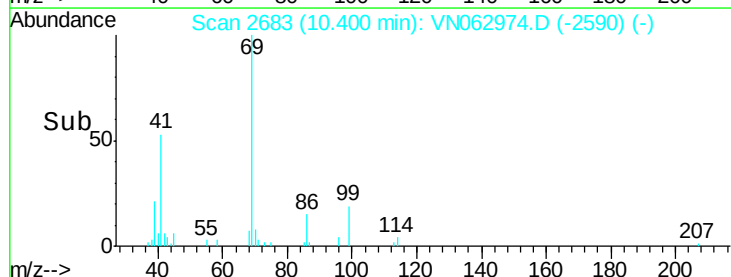
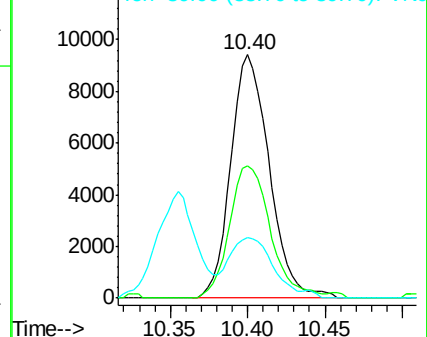
39 28.9 23.4 35.0

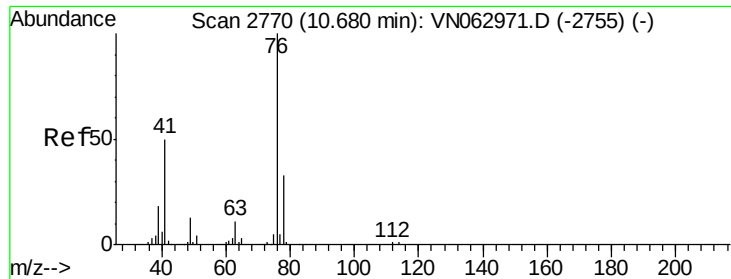


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

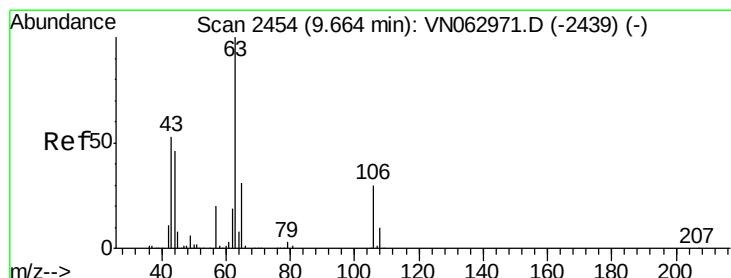
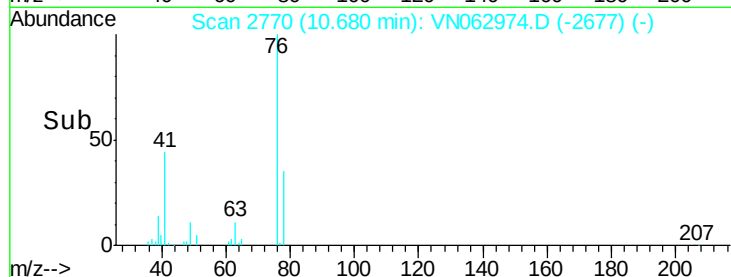
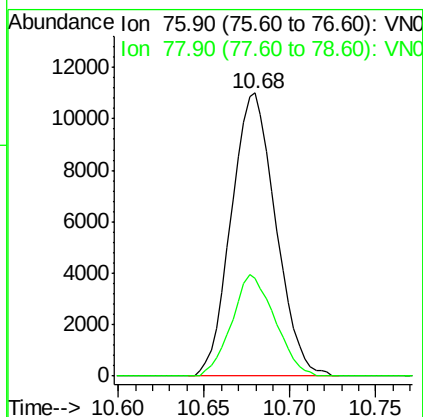
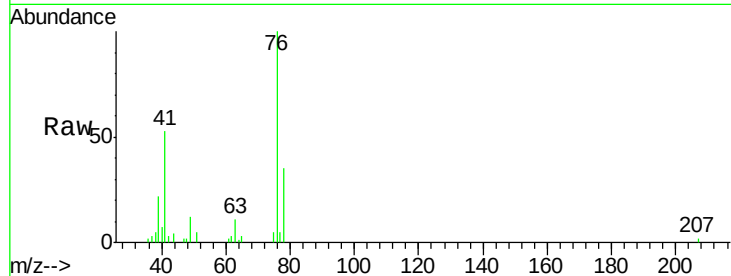




#57
 1,3-Dichloropropane
 Concen: 4.951 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

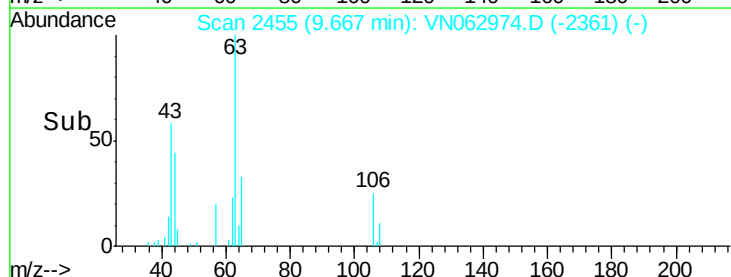
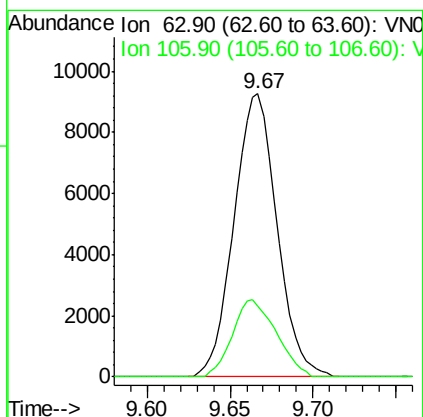
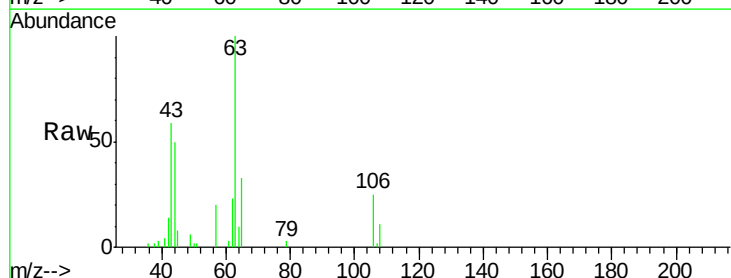
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

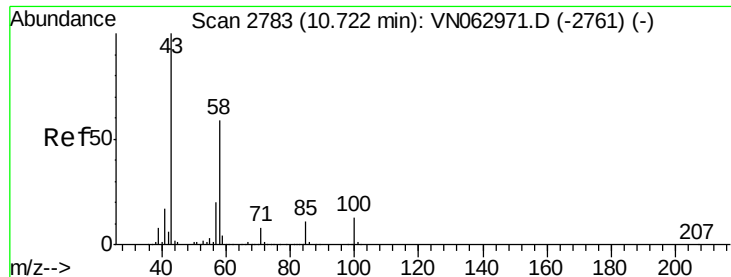
Tgt Ion: 76 Resp: 19728
 Ion Ratio Lower Upper
 76 100
 78 34.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.671 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion: 63 Resp: 16701
 Ion Ratio Lower Upper
 63 100
 106 27.7 23.4 35.2

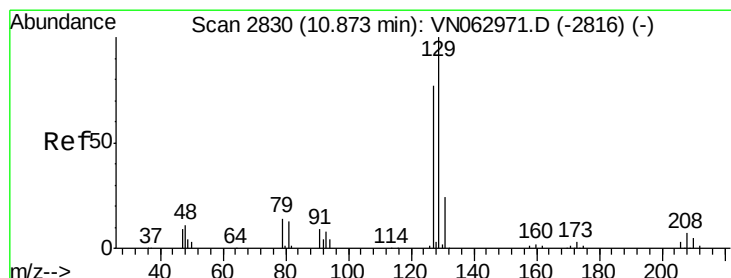
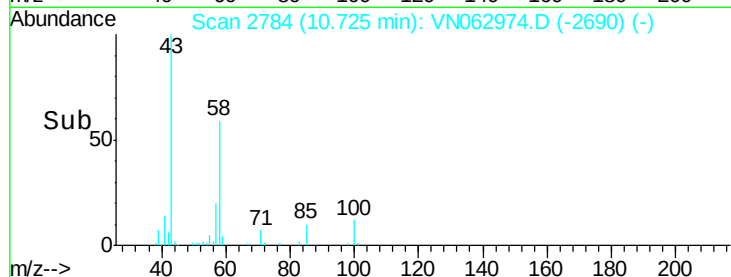
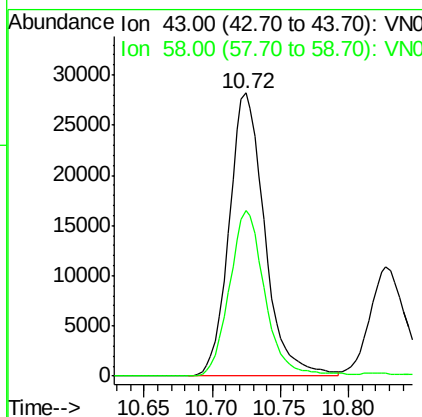
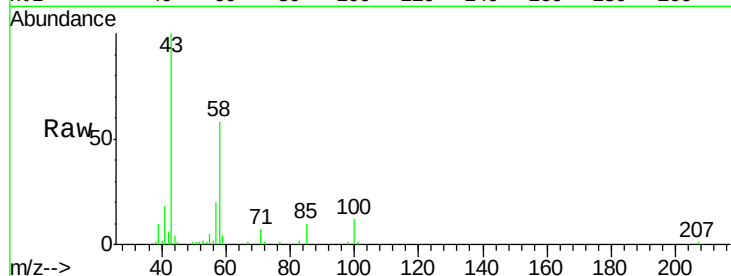




#59
2-Hexanone
Concen: 14.897 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

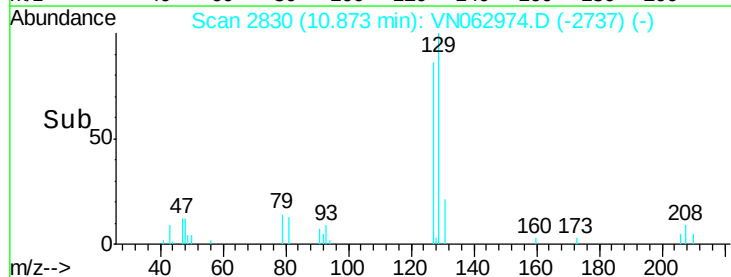
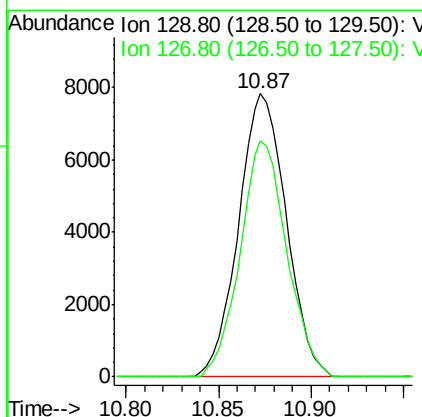
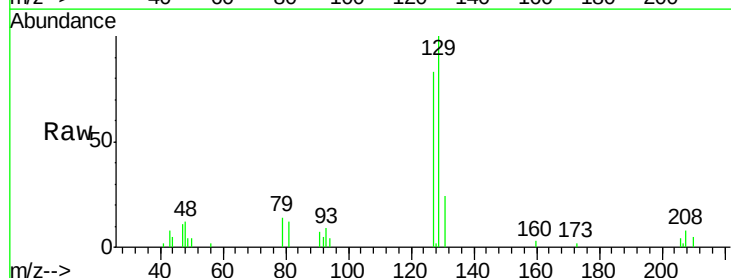
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

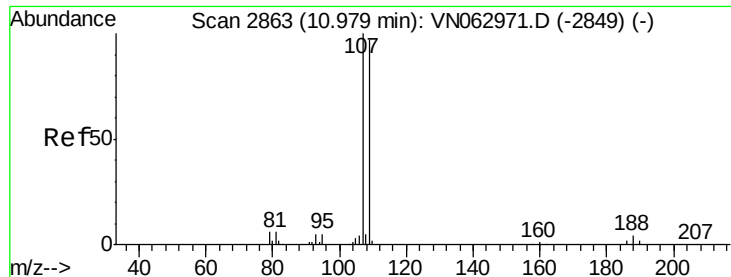
Tgt Ion: 43 Resp: 51064
Ion Ratio Lower Upper
43 100
58 57.5 29.5 88.5



#60
Dibromochloromethane
Concen: 4.981 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion: 129 Resp: 14012
Ion Ratio Lower Upper
129 100
127 81.4 38.4 115.2

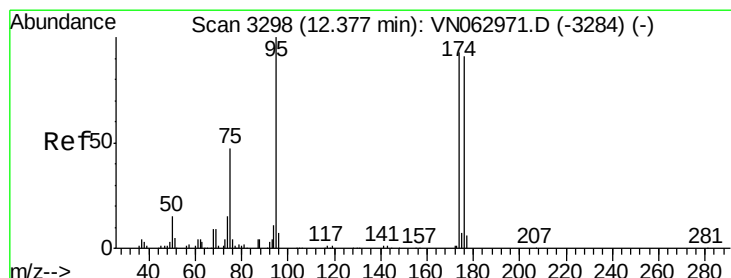
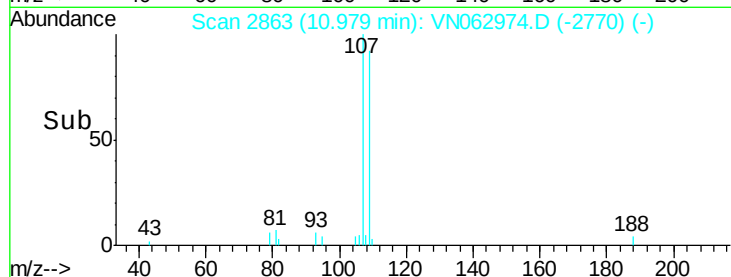
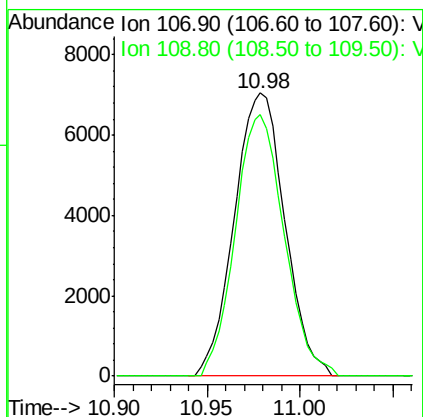
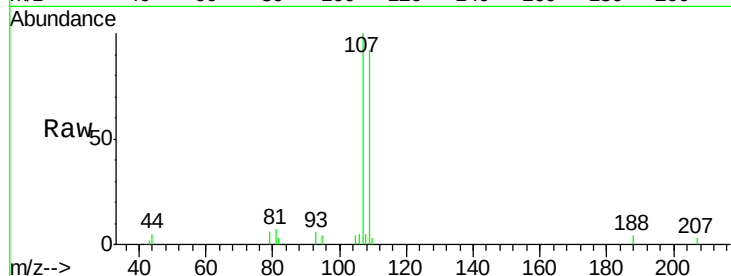




#61
 1,2-Dibromoethane
 Concen: 5.179 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

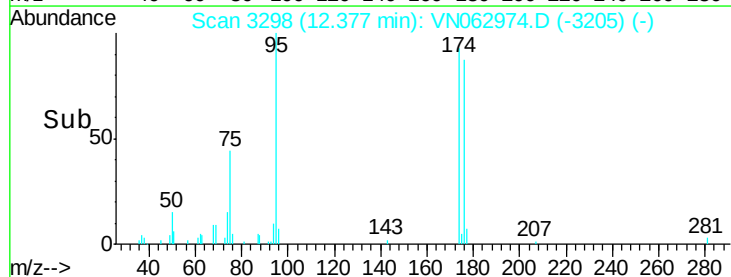
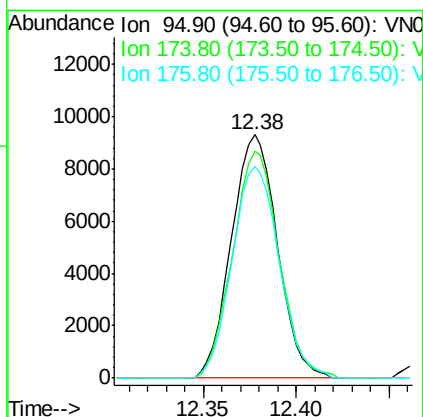
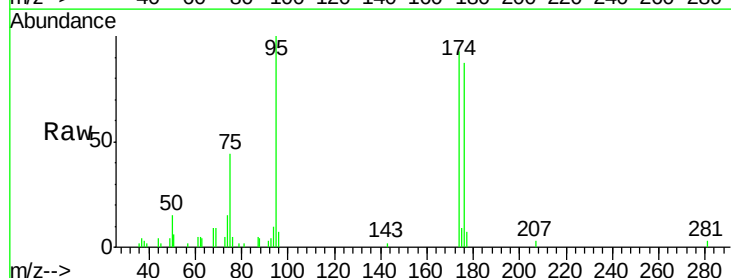
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

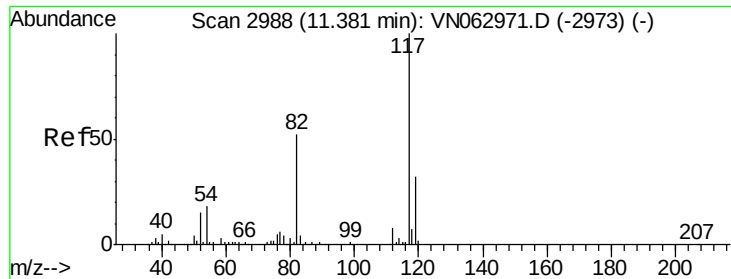
Tgt Ion: 107 Resp: 13364
 Ion Ratio Lower Upper
 107 100
 109 89.3 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 5.056 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion: 95 Resp: 15976
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 185.2
 176 89.3 0.0 178.8

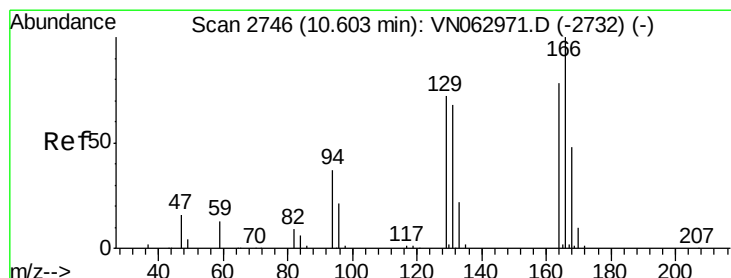
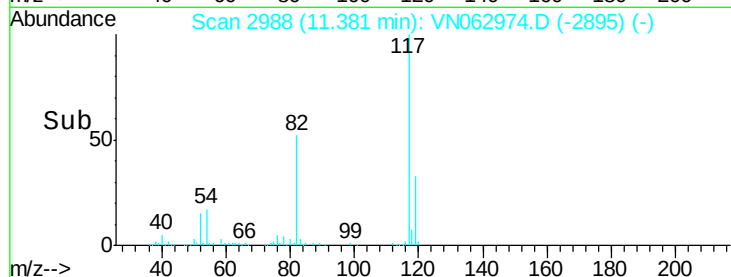
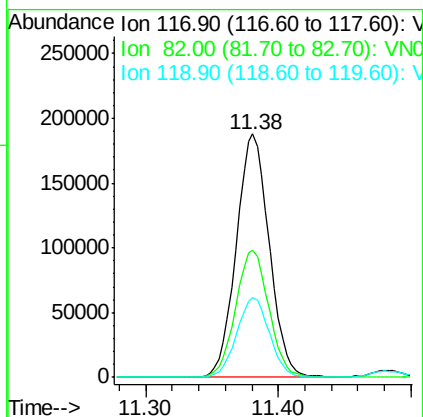
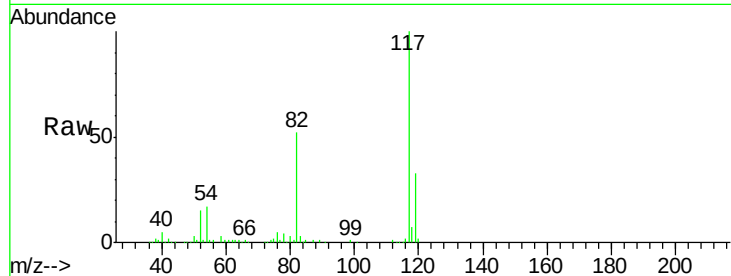




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

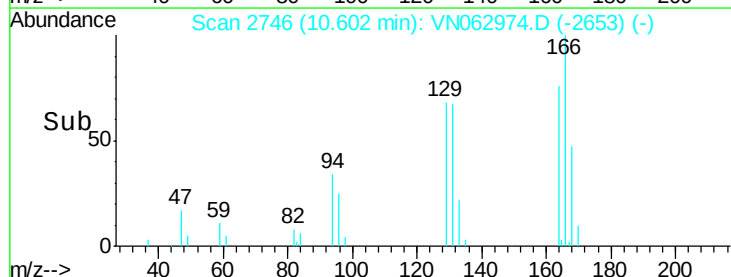
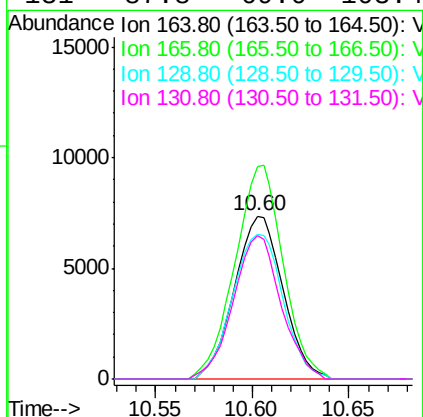
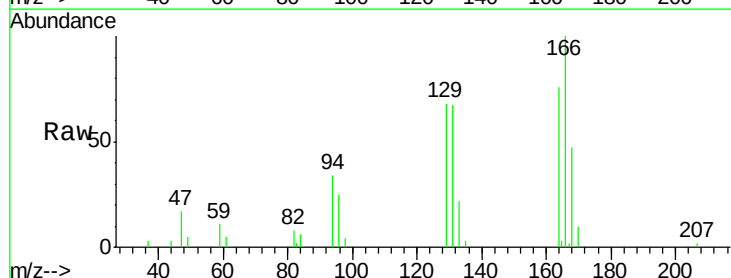
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

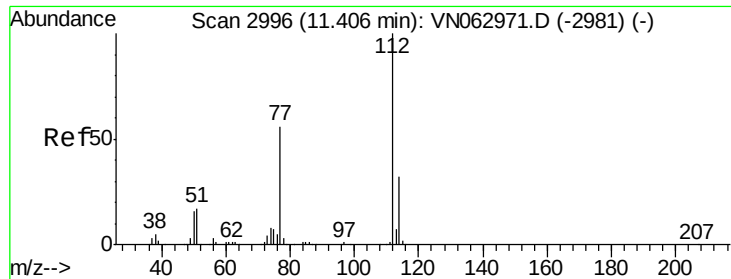
Tgt Ion:117 Resp: 323791
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 5.795 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion:164 Resp: 12869
Ion Ratio Lower Upper
164 100
166 130.7 101.9 152.9
129 88.7 73.1 109.7
131 87.8 69.0 103.4

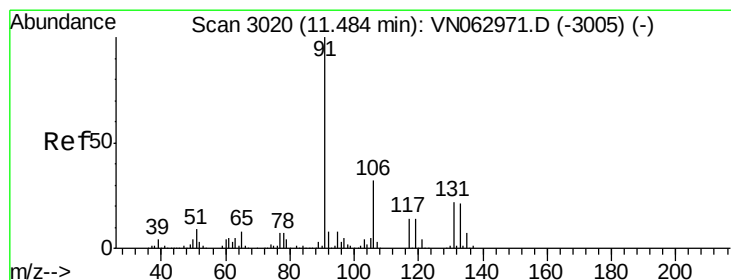
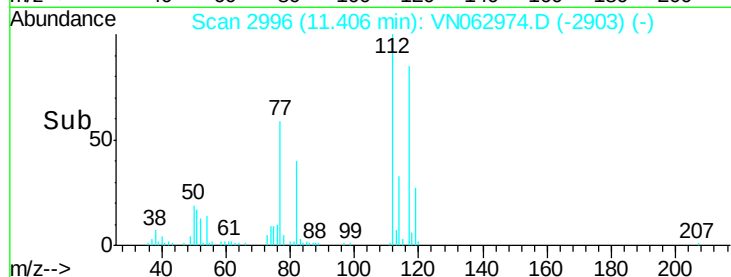
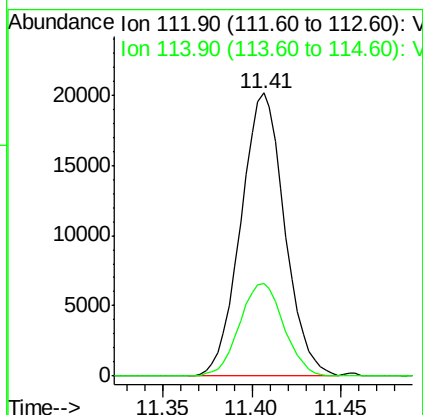
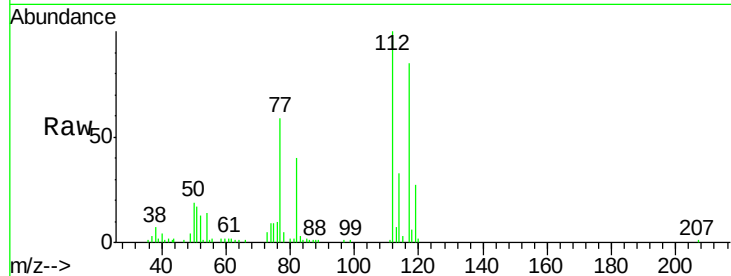




#65
Chlorobenzene
Concen: 5.203 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

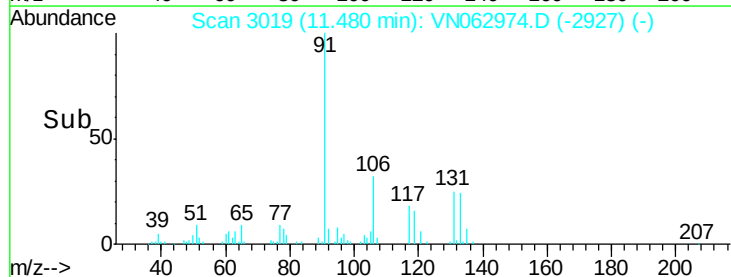
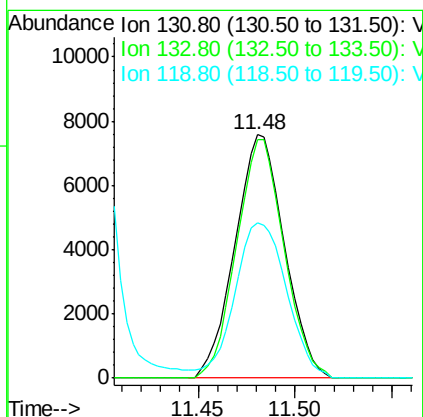
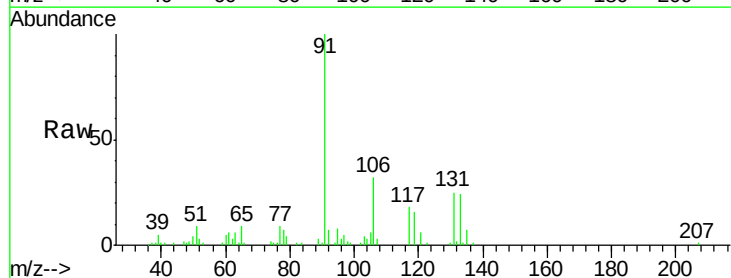
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

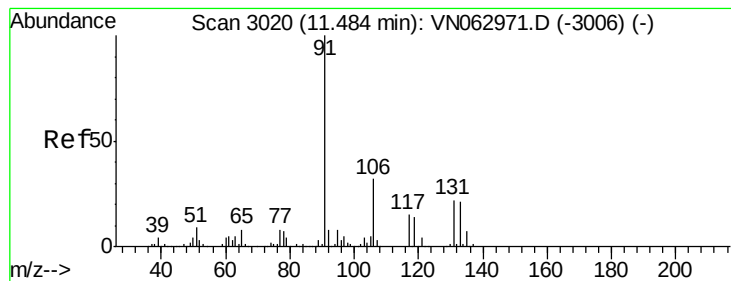
Tgt Ion:112 Resp: 34484
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.219 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion:131 Resp: 13433
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 67.2 32.4 97.0





#67

Ethyl Benzene

Concen: 5.030 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

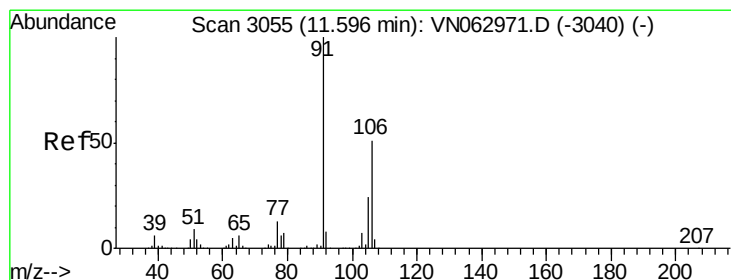
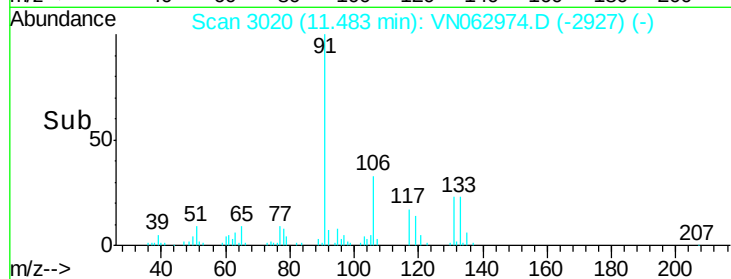
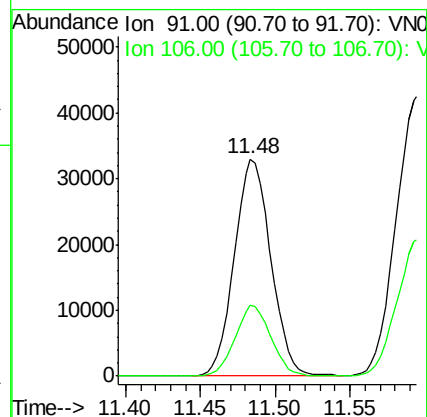
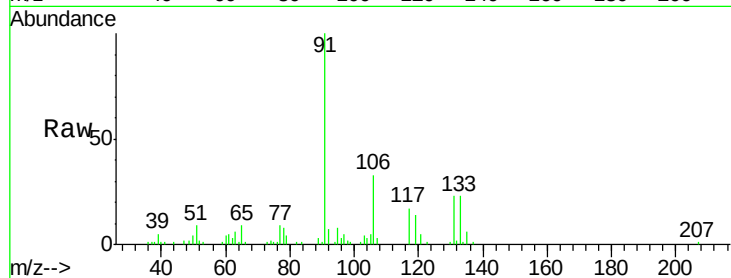
VSTDIC005

Tgt Ion: 91 Resp: 56157

Ion Ratio Lower Upper

91 100

106 32.5 25.9 38.9



#68

m/p-Xylenes

Concen: 9.910 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062974.D

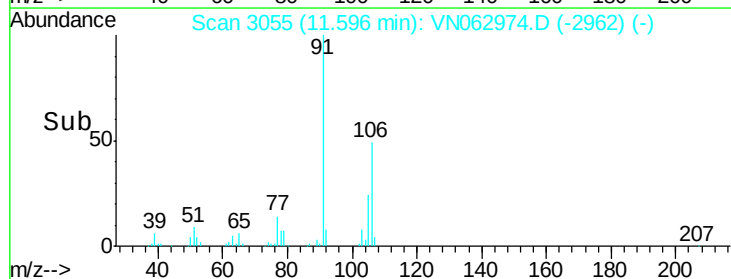
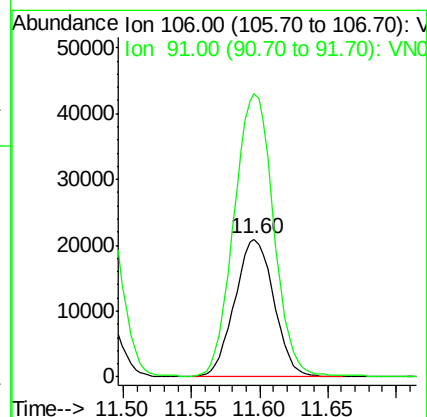
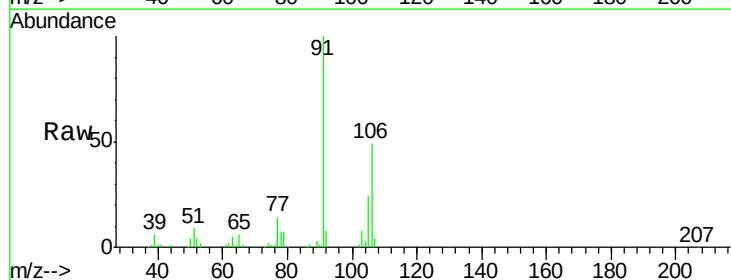
Acq: 17 Aug 2020 16:20

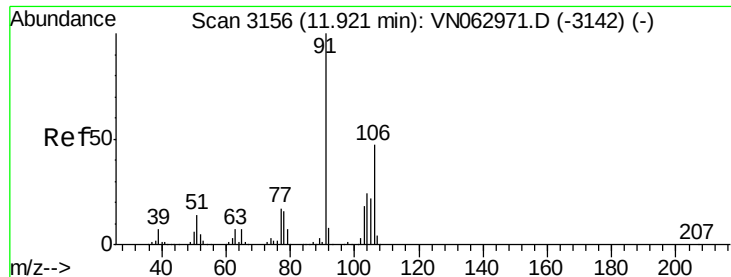
Tgt Ion: 106 Resp: 41781

Ion Ratio Lower Upper

106 100

91 208.0 158.7 238.1

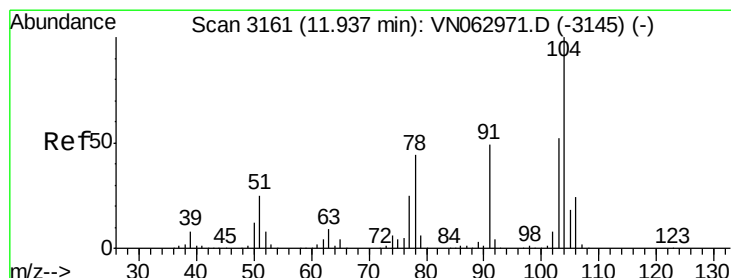
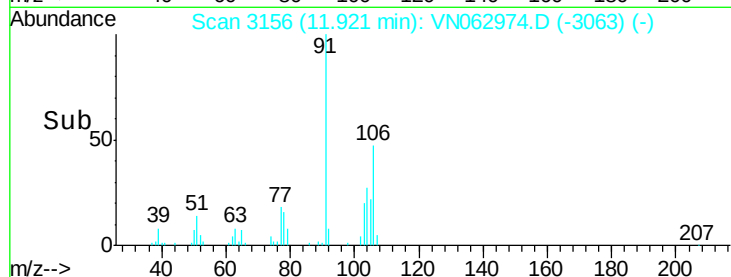
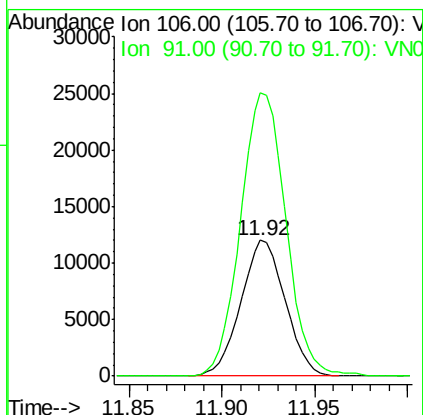
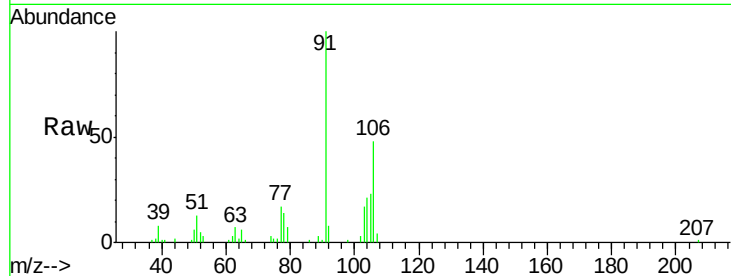




#69
o-Xylene
Concen: 4.968 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

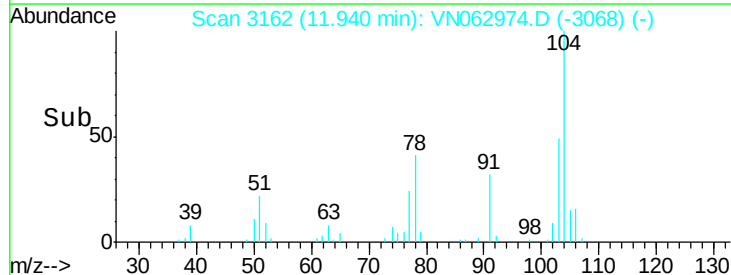
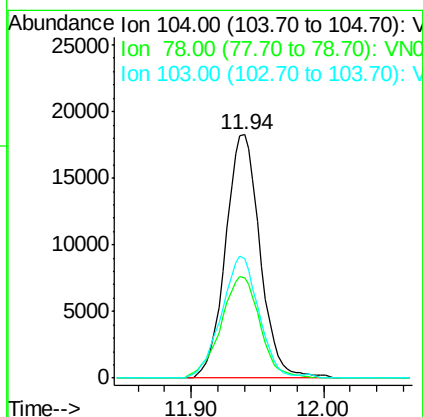
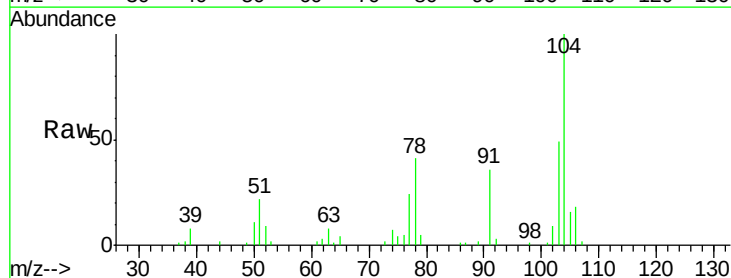
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

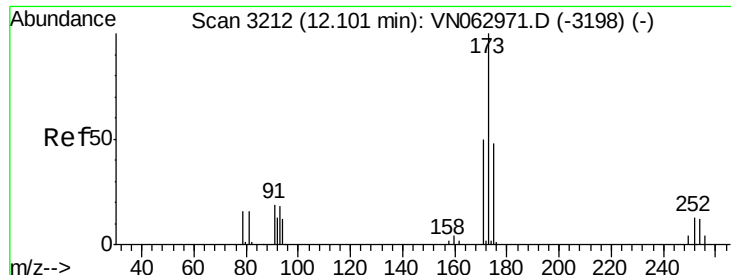
Tgt Ion:106 Resp: 19896
Ion Ratio Lower Upper
106 100
91 213.6 106.3 318.8



#70
Styrene
Concen: 4.756 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion:104 Resp: 33040
Ion Ratio Lower Upper
104 100
78 46.9 38.2 57.4
103 53.8 44.9 67.3

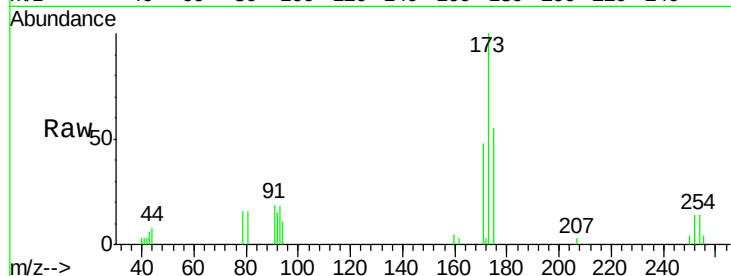




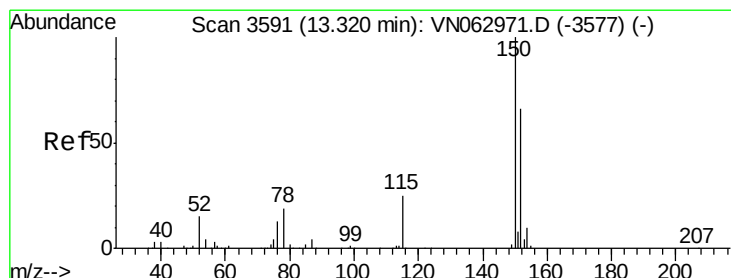
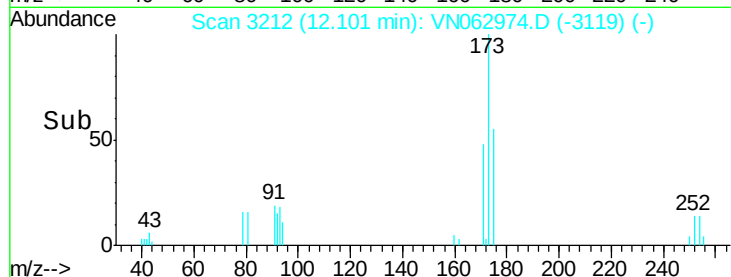
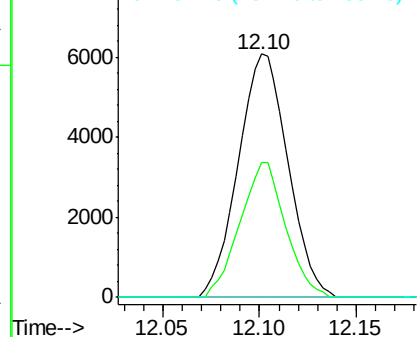
#71
Bromoform
Concen: 5.048 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 10862
Ion Ratio Lower Upper
173 100
175 50.8 24.1 72.2
254 0.0 0.0 0.0

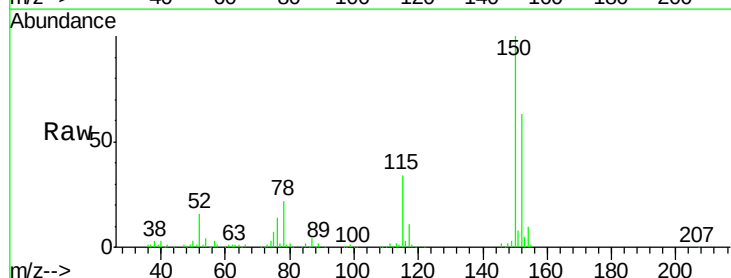


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

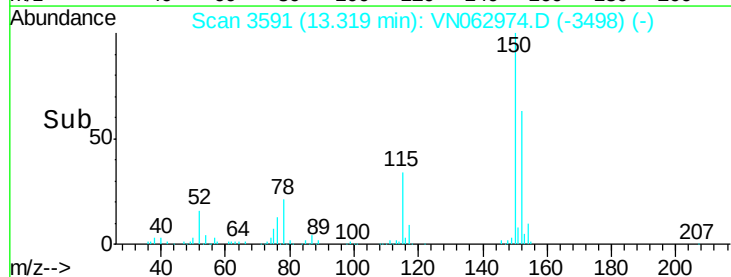
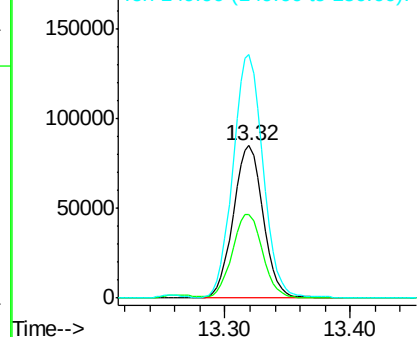


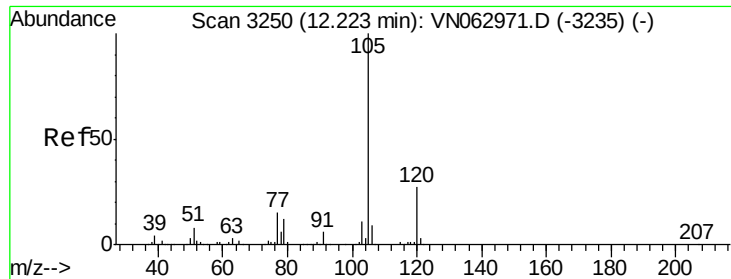
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion:152 Resp: 140930
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 158.3 0.0 341.4



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: 5.443 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

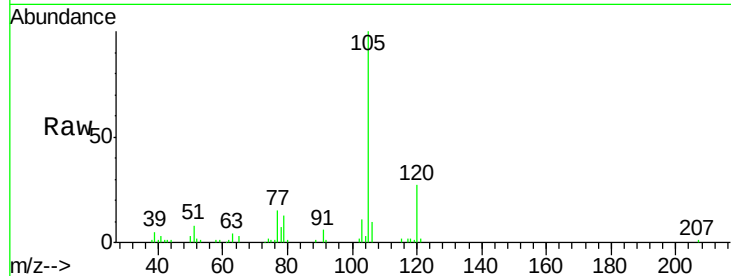
VSTDIC005

Tgt Ion:105 Resp: 52920

Ion Ratio Lower Upper

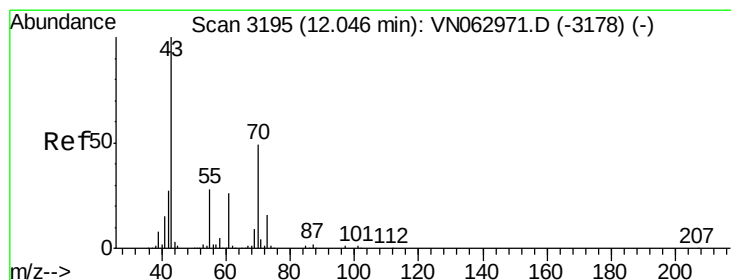
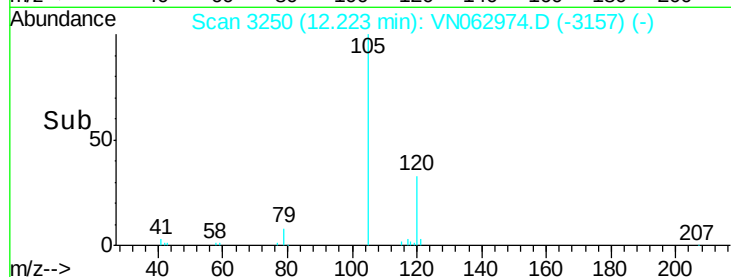
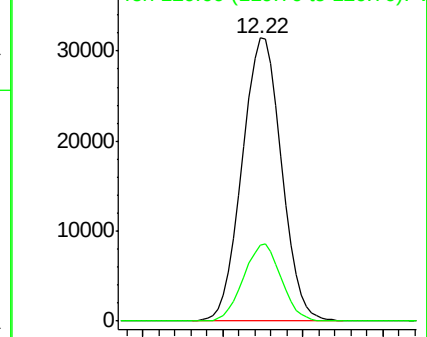
105 100

120 25.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.953 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Tgt Ion: 43 Resp: 16532

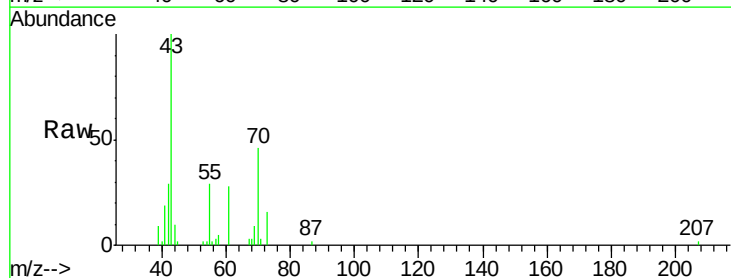
Ion Ratio Lower Upper

43 100

70 44.9 38.4 57.6

55 27.4 21.9 32.9

61 25.7 20.6 31.0

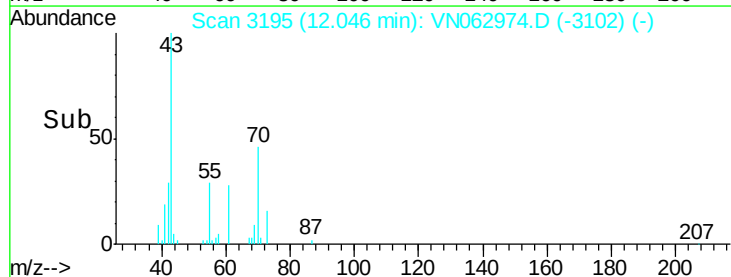
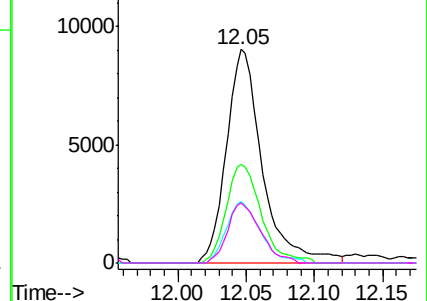


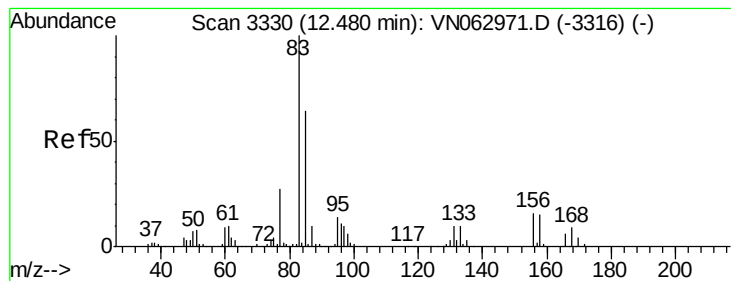
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.877 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

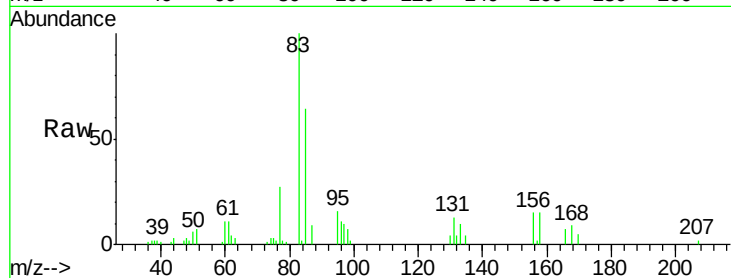
Tgt Ion: 83 Resp: 18499

Ion Ratio Lower Upper

83 100

131 11.4 5.3 16.1

85 64.0 31.9 95.7

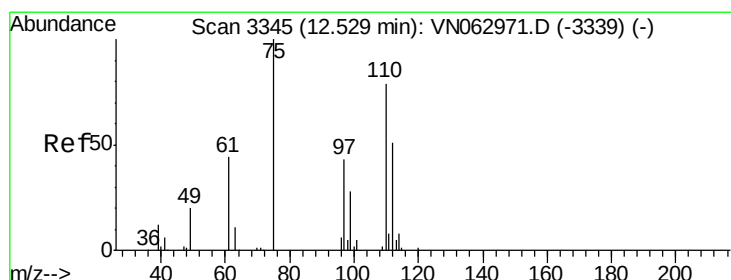
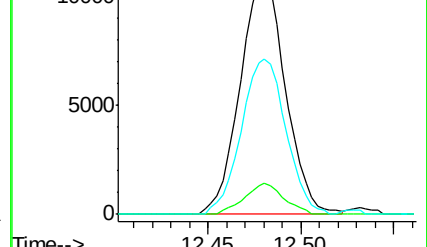
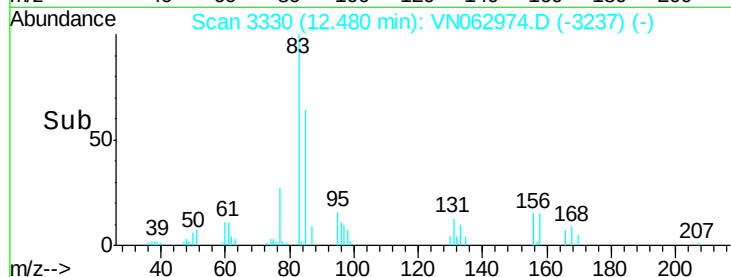


Abundance Ion 82.90 (82.60 to 83.60): VN062974.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN062974.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN062974.D (-3316) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 7.608 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062974.D

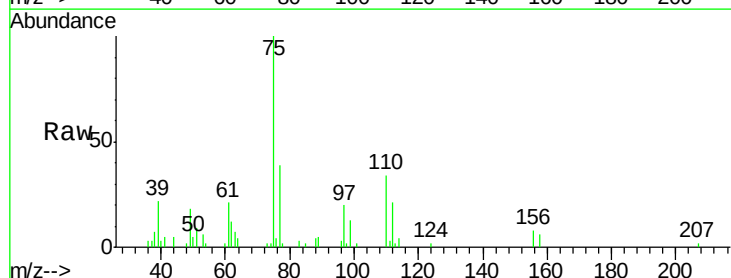
Acq: 17 Aug 2020 16:20

Tgt Ion: 75 Resp: 22255

Ion Ratio Lower Upper

75 100

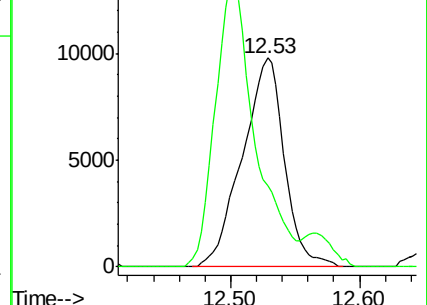
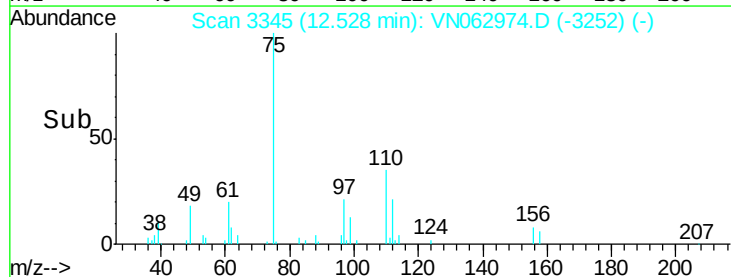
77 0.0 0.0 0.0

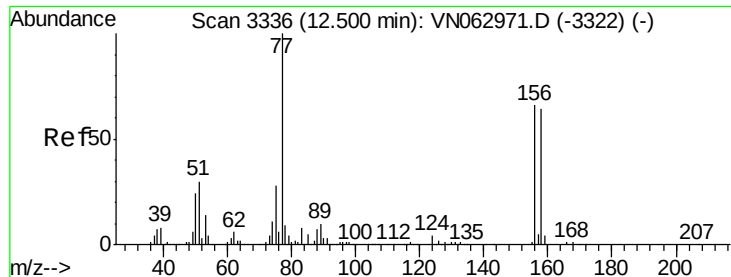


Abundance Ion 74.90 (74.60 to 75.60): VN062974.D (-3339) (-)

Ion 77.00 (76.70 to 77.70): VN062974.D (-3339) (-)

Time-->





#77

Bromobenzene

Concen: 5.509 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

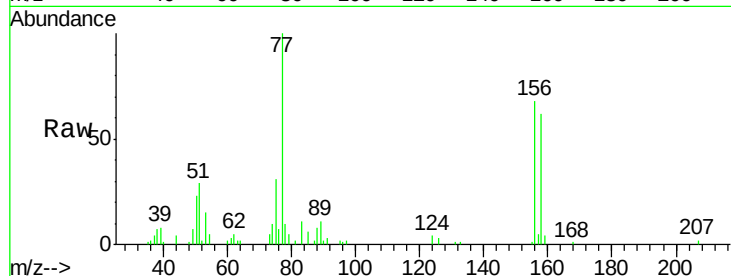
Tgt Ion:156 Resp: 15442

Ion Ratio Lower Upper

156 100

77 186.8 92.4 277.2

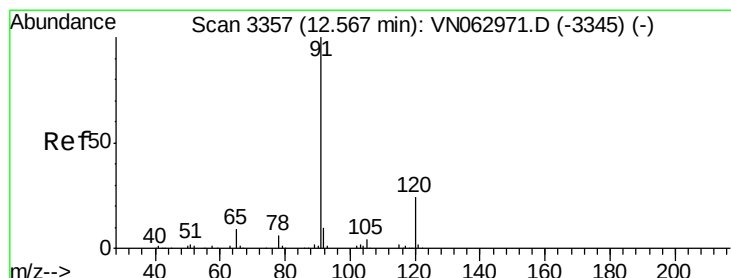
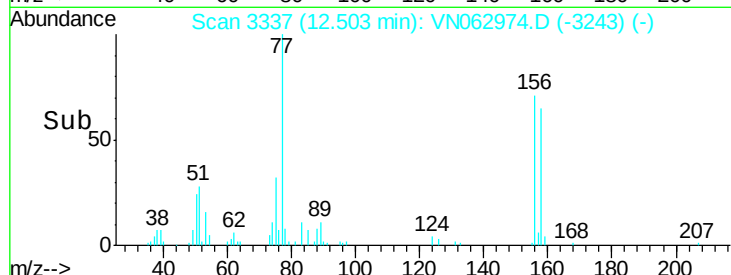
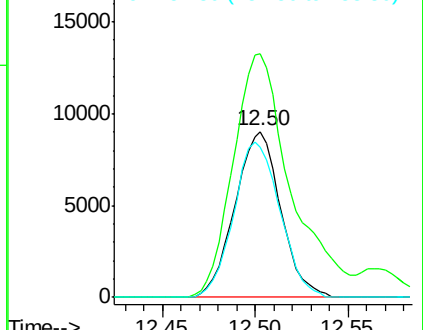
158 94.8 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.203 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062974.D

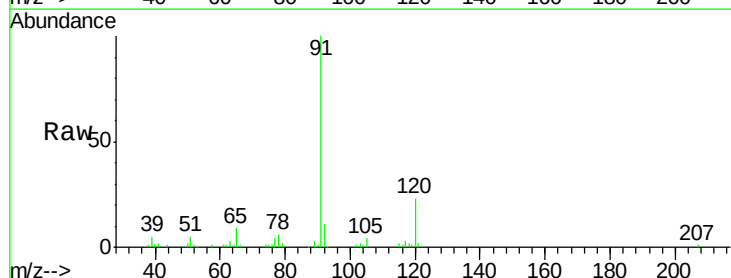
Acq: 17 Aug 2020 16:20

Tgt Ion: 91 Resp: 59026

Ion Ratio Lower Upper

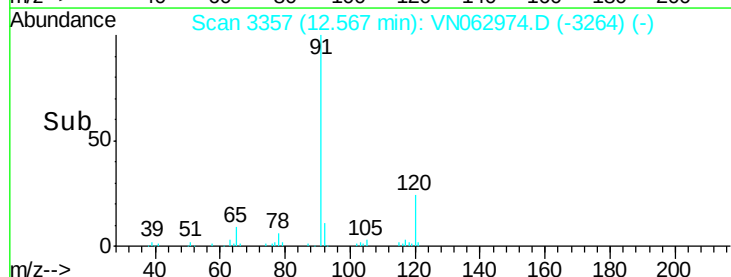
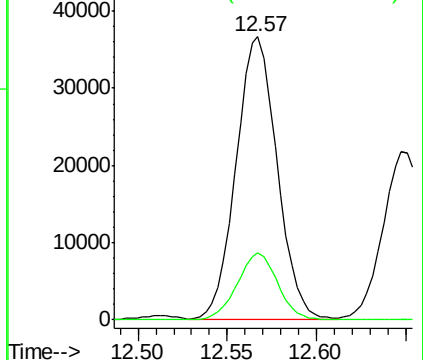
91 100

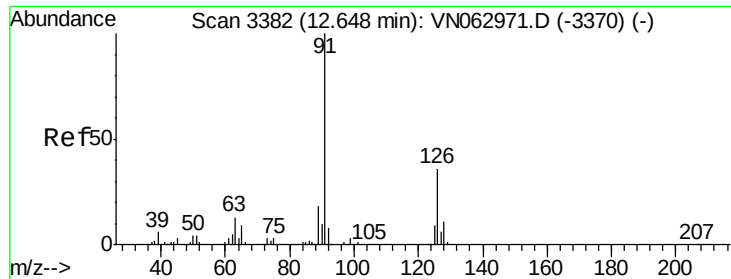
120 23.0 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

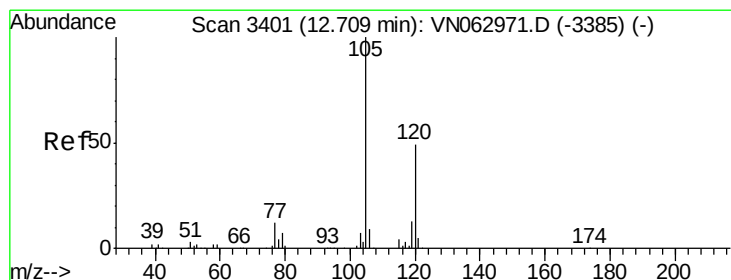
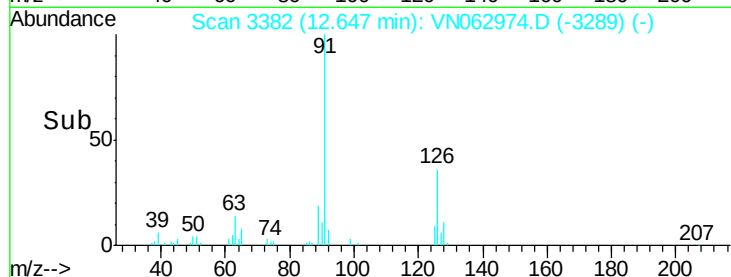
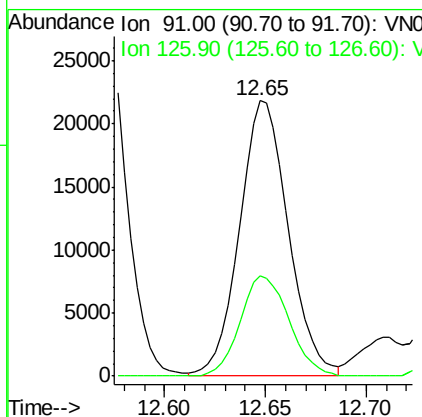
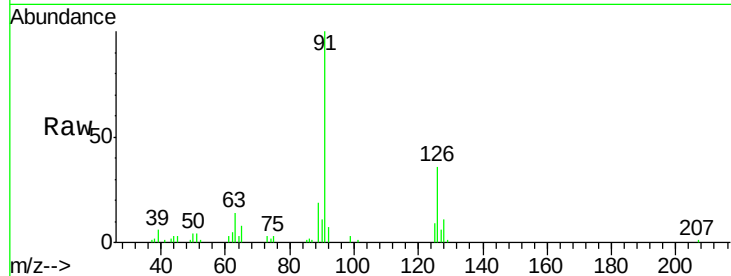




#79
 2-Chlorotoluene
 Concen: 5.434 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

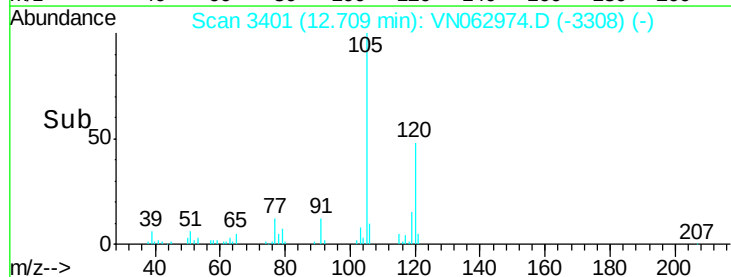
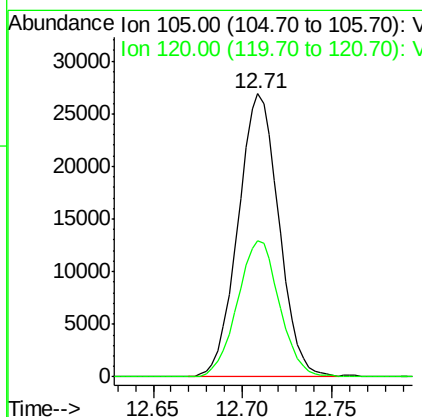
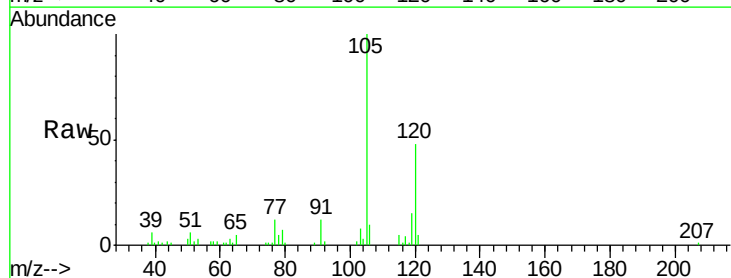
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

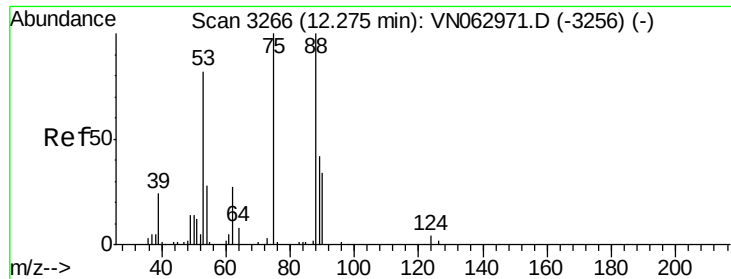
Tgt Ion: 91 Resp: 37051
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.1 54.3



#80
 1,3,5-Trimethylbenzene
 Concen: 5.262 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion: 105 Resp: 43043
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 5.034 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

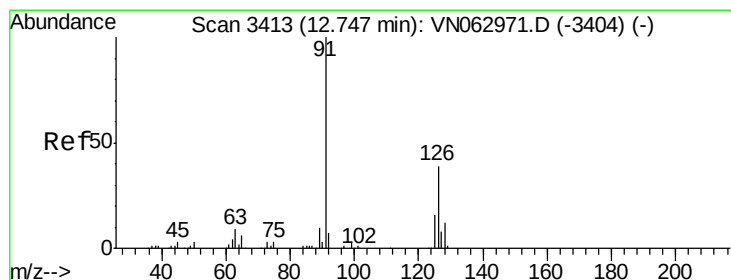
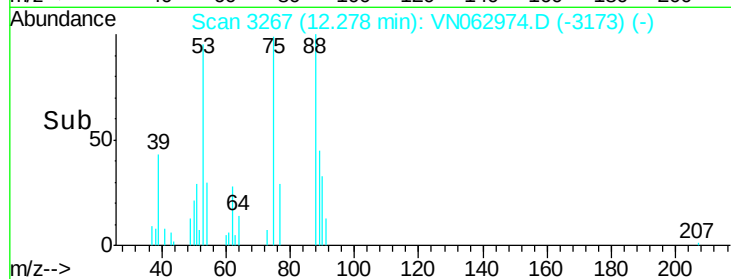
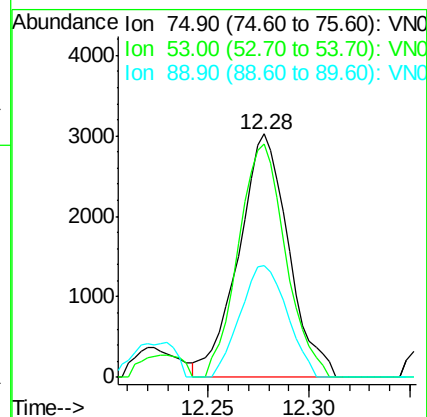
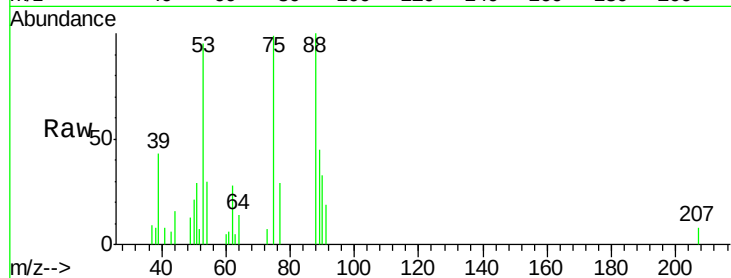
Tgt Ion: 75 Resp: 5232

Ion Ratio Lower Upper

75 100

53 90.6 66.2 99.2

89 43.3 35.0 52.4



#82

4-Chlorotoluene

Concen: 5.520 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062974.D

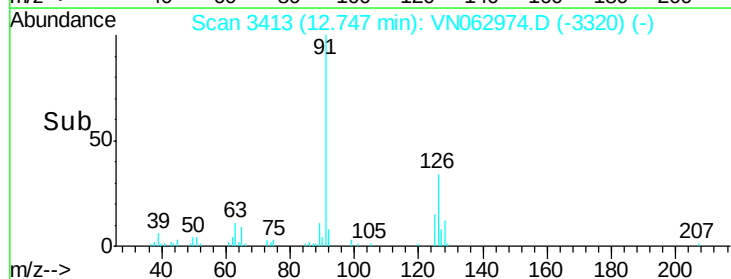
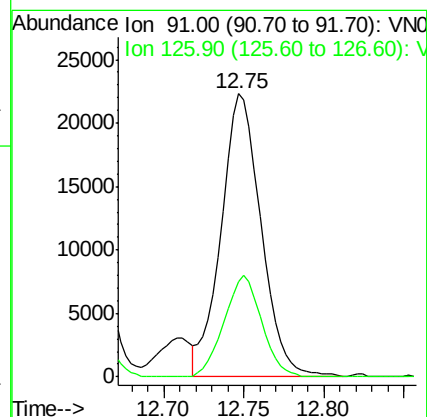
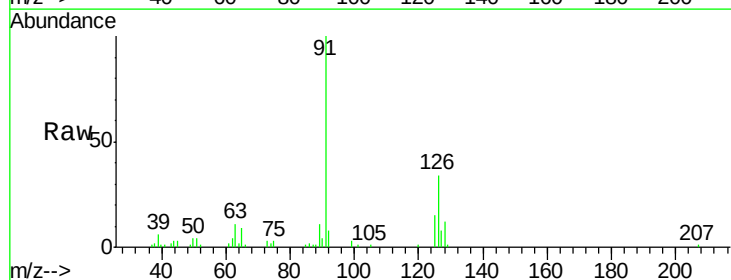
Acq: 17 Aug 2020 16:20

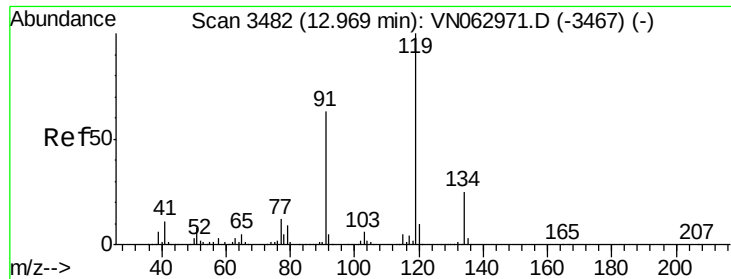
Tgt Ion: 91 Resp: 38347

Ion Ratio Lower Upper

91 100

126 33.5 17.6 52.8

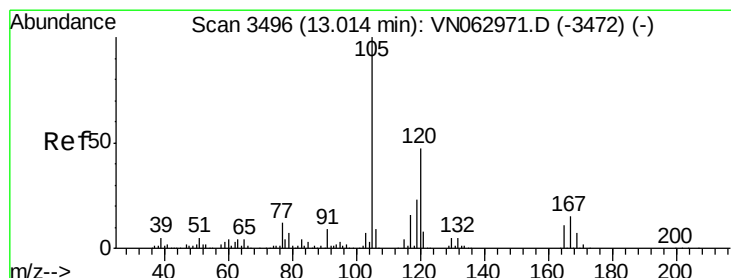
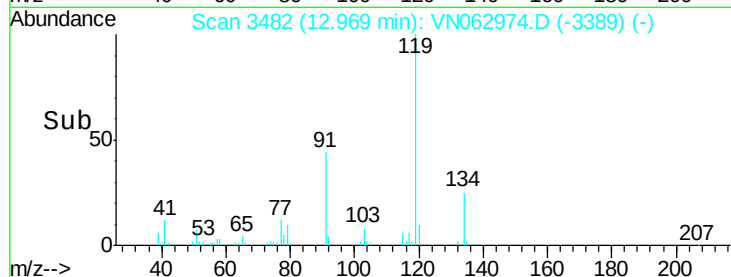
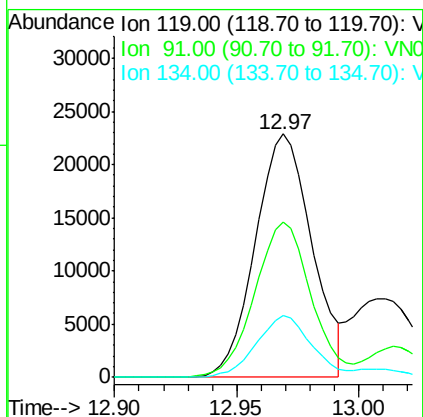
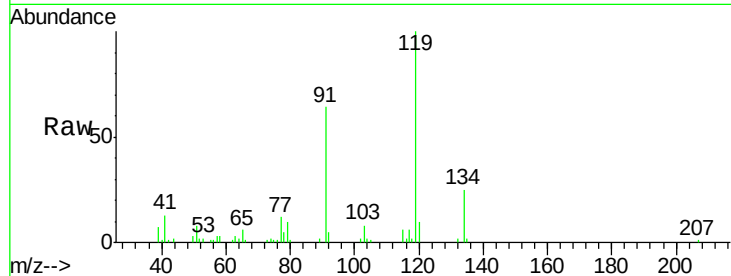




#83
 tert-Butylbenzene
 Concen: 5.216 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

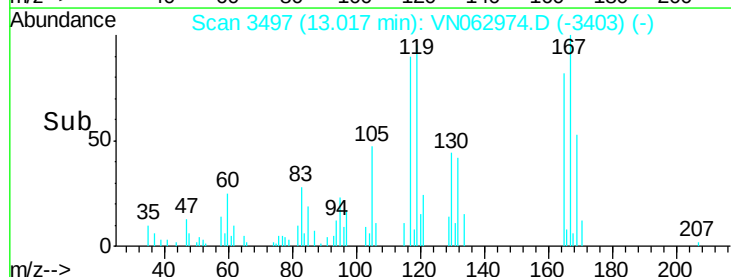
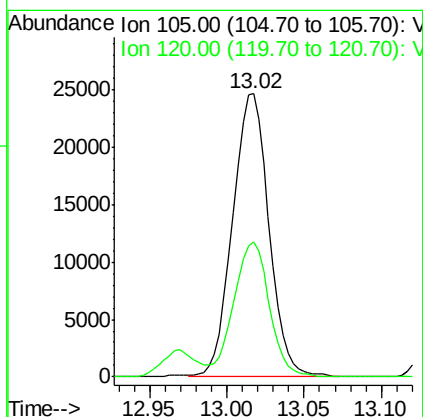
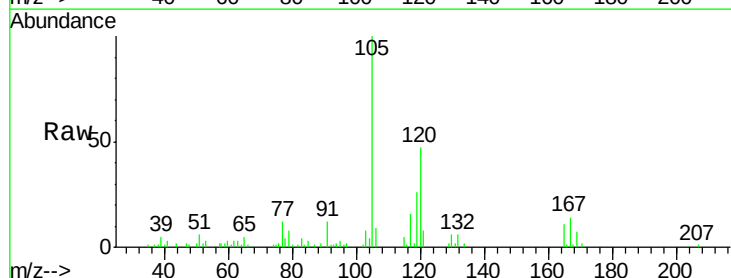
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

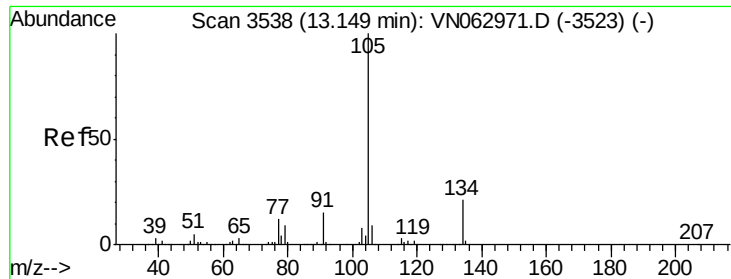
Tgt Ion:119 Resp: 36794
 Ion Ratio Lower Upper
 119 100
 91 63.6 31.0 93.0
 134 24.6 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.077 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion:105 Resp: 40191
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 5.243 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

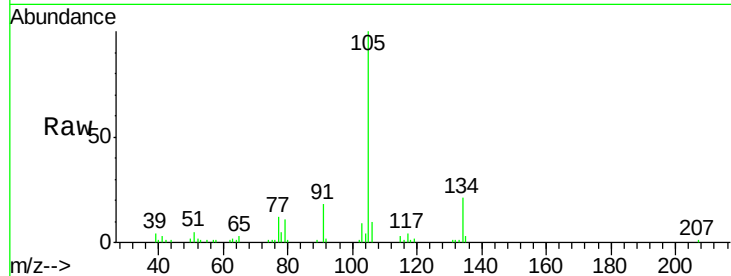
VSTDIC005

Tgt Ion:105 Resp: 48674

Ion Ratio Lower Upper

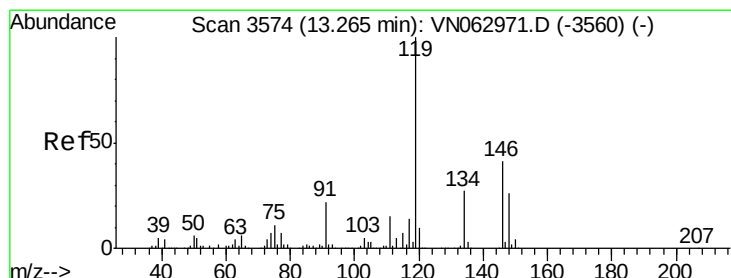
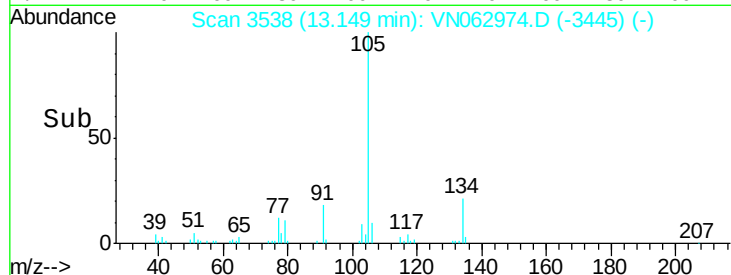
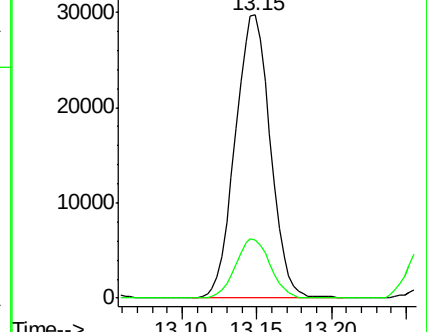
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.073 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062974.D

Acq: 17 Aug 2020 16:20

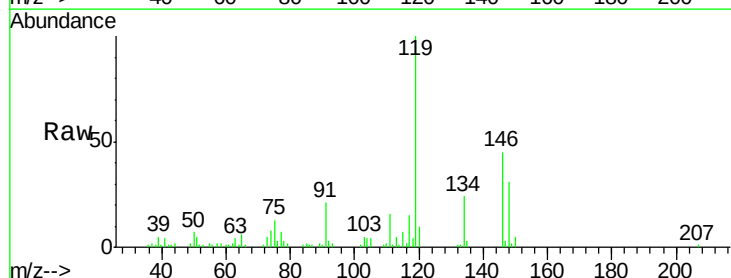
Tgt Ion:119 Resp: 41911

Ion Ratio Lower Upper

119 100

134 25.9 13.6 40.7

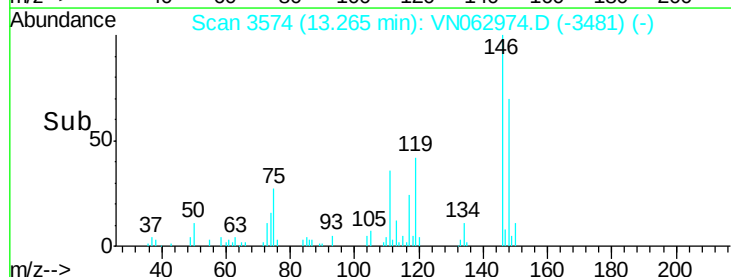
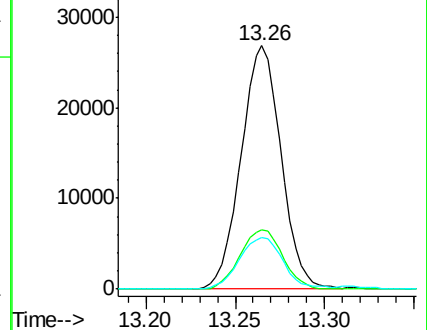
91 23.3 11.1 33.1

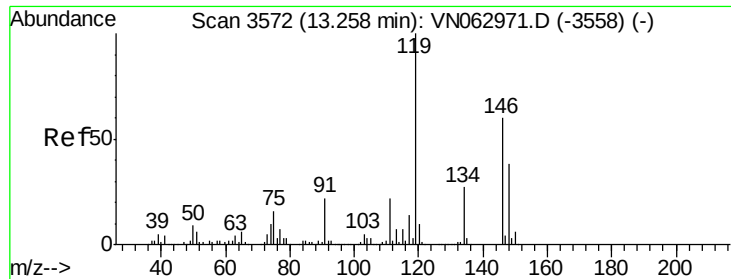


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

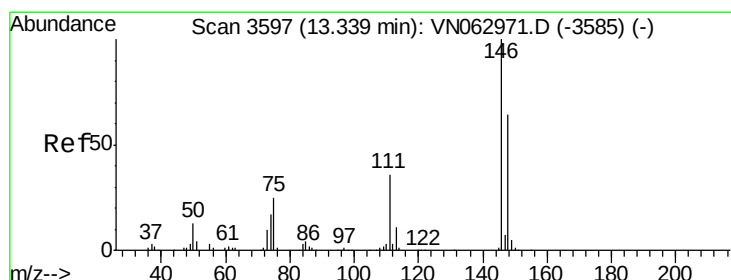
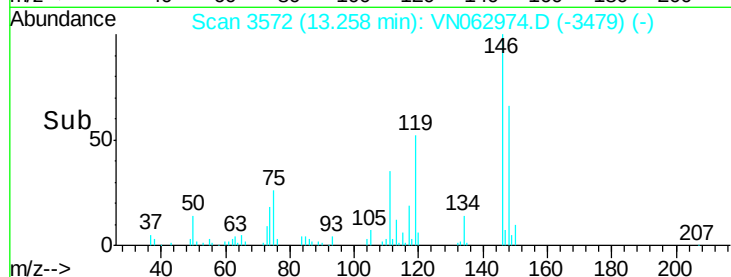
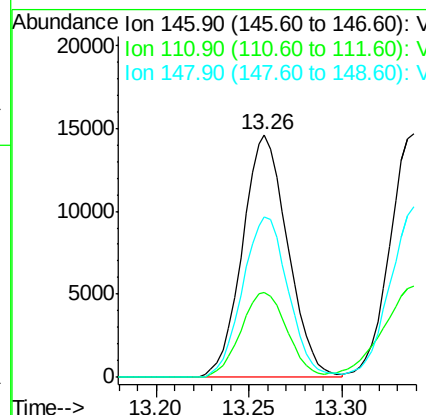
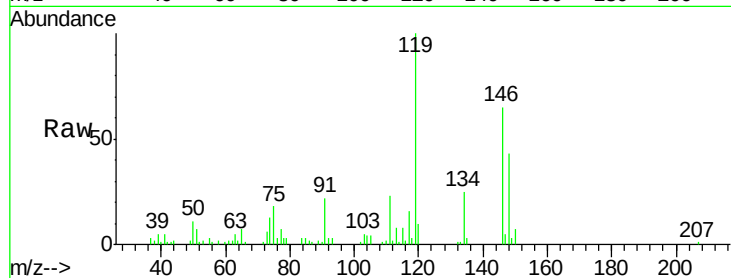




#87
 1,3-Dichlorobenzene
 Concen: 5.352 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

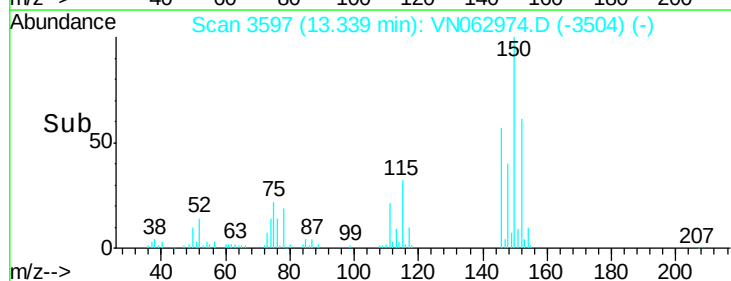
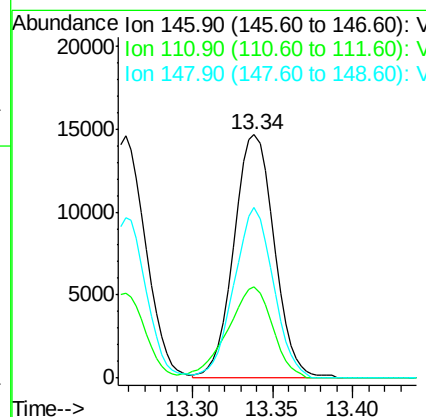
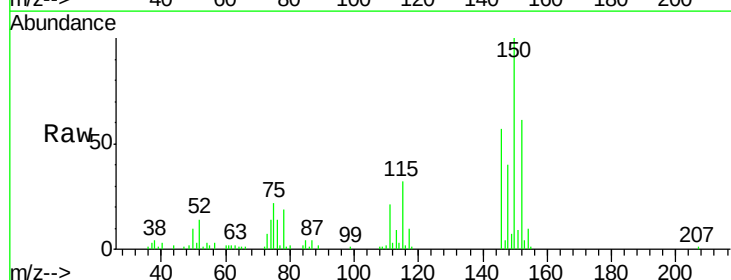
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

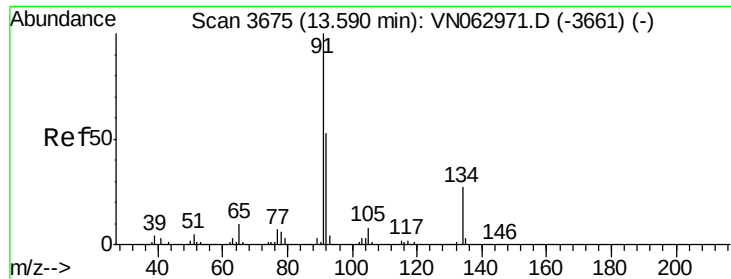
Tgt Ion:146 Resp: 24706
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.9 56.5
 148 66.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 5.325 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion:146 Resp: 25337
 Ion Ratio Lower Upper
 146 100
 111 41.8 18.4 55.2
 148 68.3 32.1 96.5

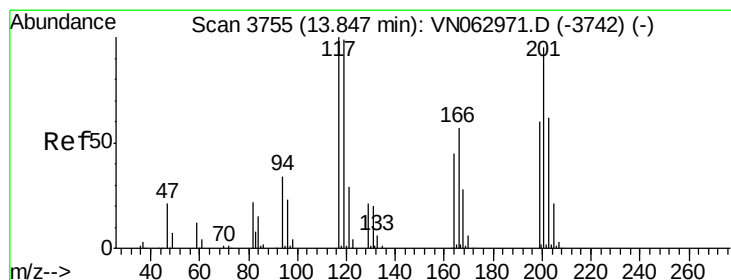
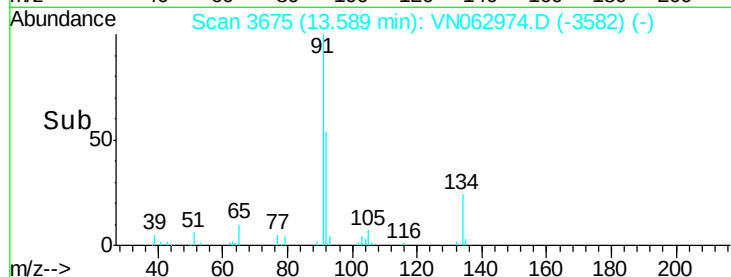
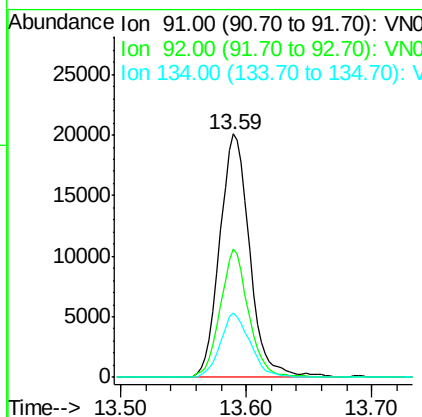
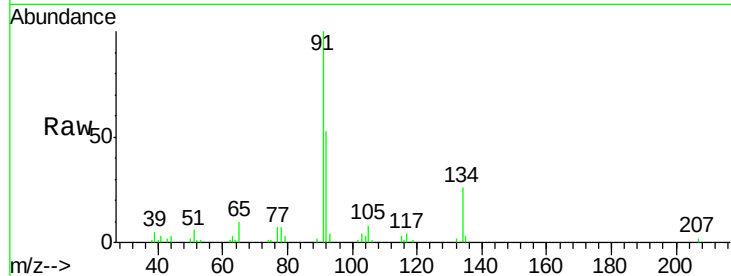




#89
n-Butylbenzene
Concen: 4.961 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

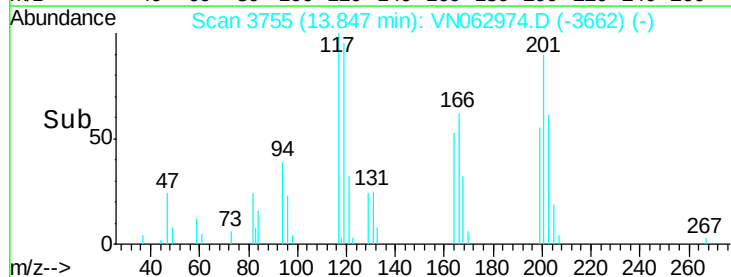
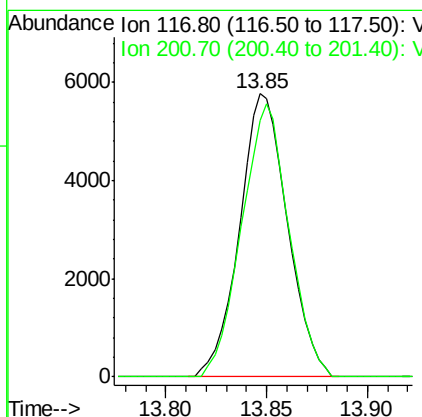
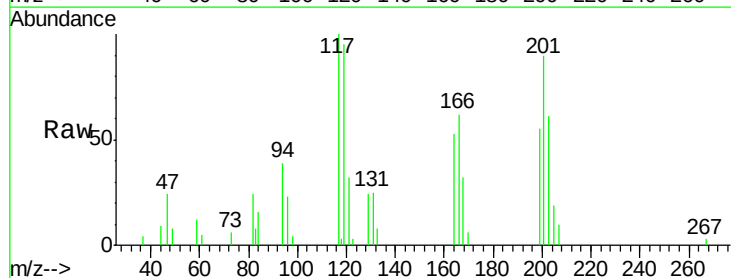
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

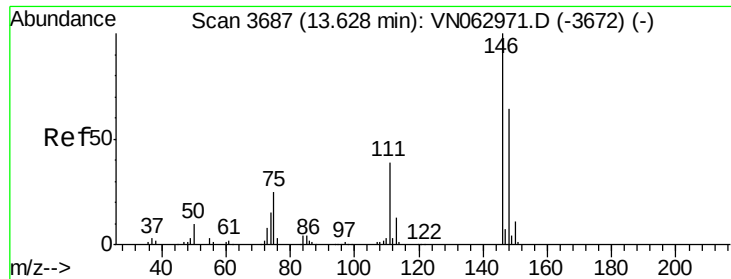
Tgt Ion: 91 Resp: 33289
Ion Ratio Lower Upper
91 100
92 49.8 26.3 78.8
134 26.1 13.4 40.2



#90
Hexachloroethane
Concen: 5.713 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion: 117 Resp: 9574
Ion Ratio Lower Upper
117 100
201 95.1 48.4 145.3

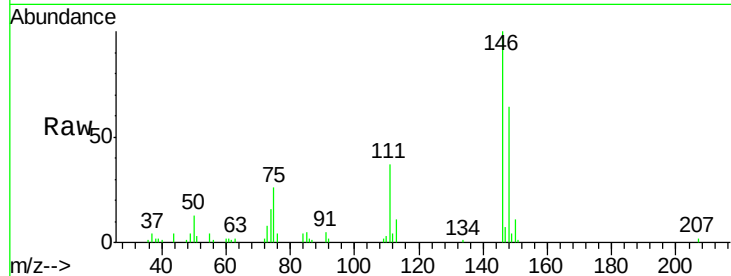




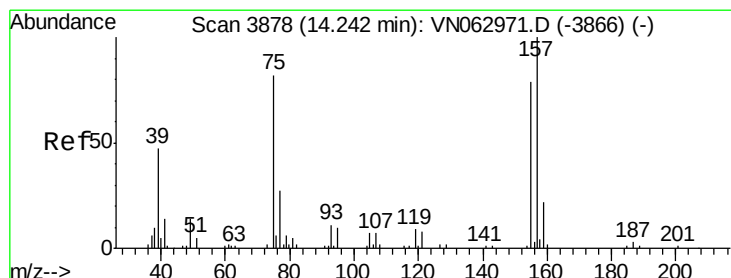
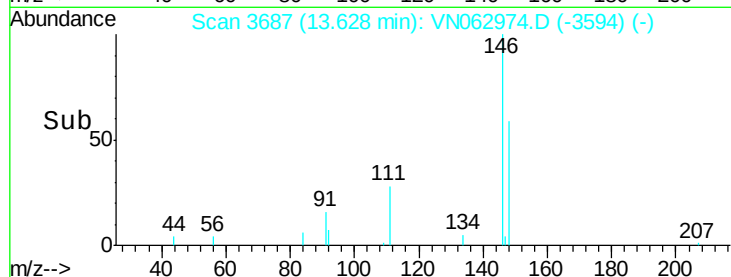
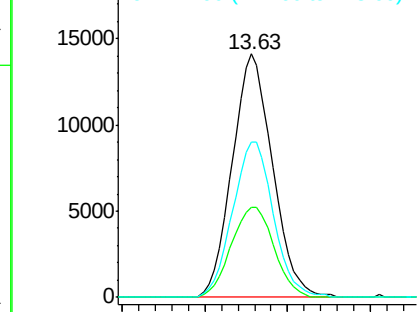
#91
 1,2-Dichlorobenzene
 Concen: 5.358 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 146 Resp: 23905
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.4
 148 64.3 32.5 97.5

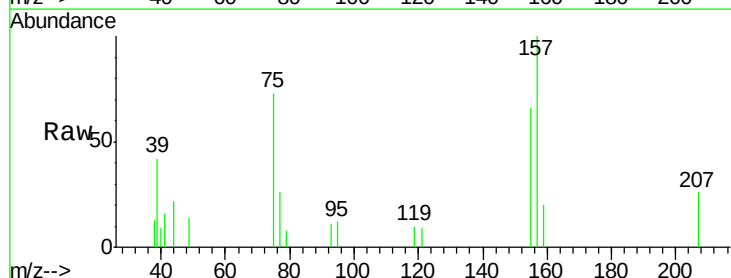


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

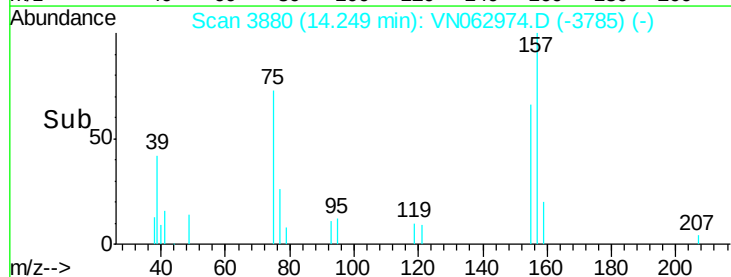
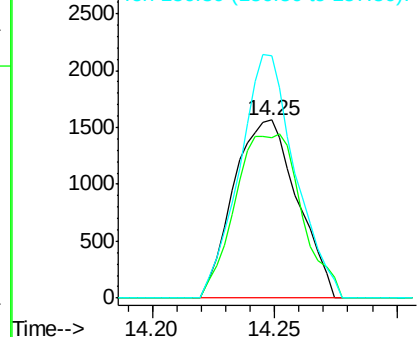


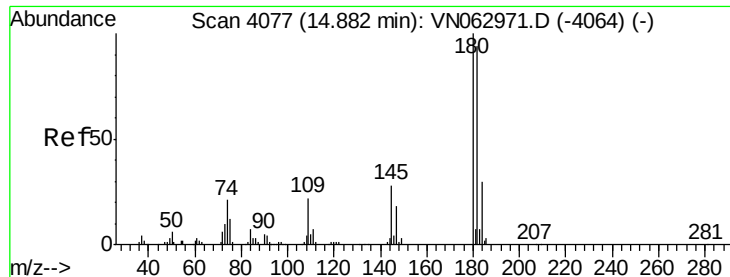
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.361 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. 0.01 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion: 75 Resp: 2835
 Ion Ratio Lower Upper
 75 100
 155 95.4 47.6 142.8
 157 119.6 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

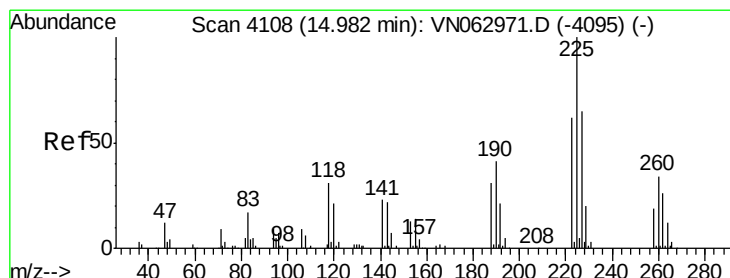
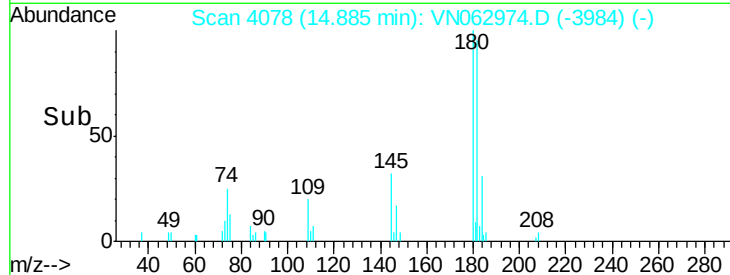
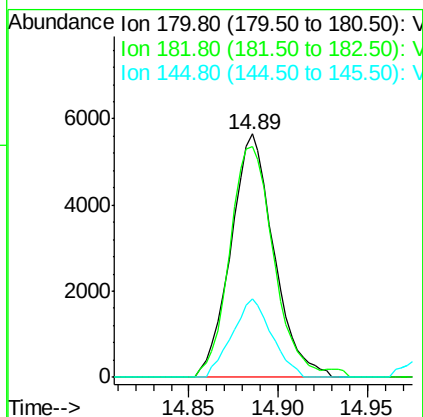
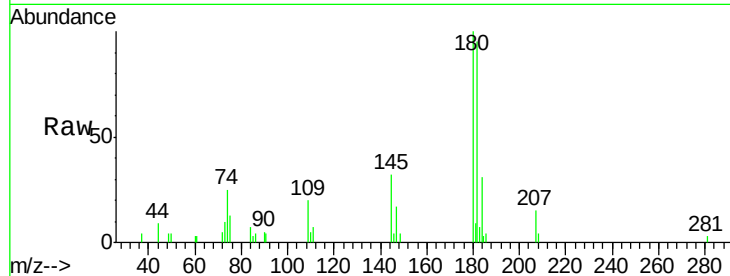




#93
 1,2,4-Trichlorobenzene
 Concen: 7.698 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

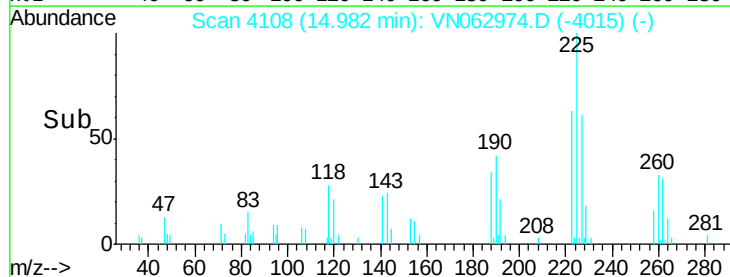
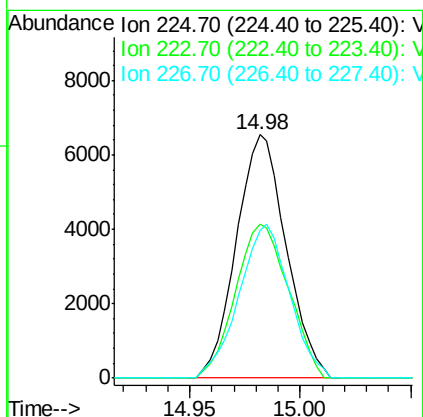
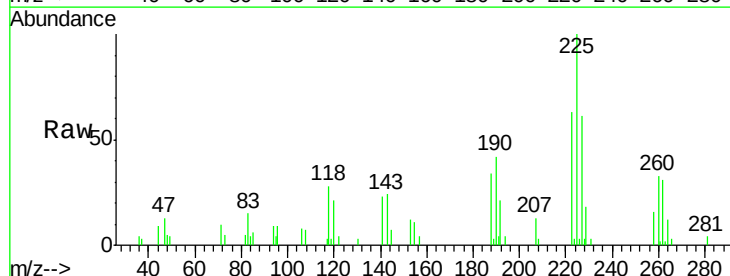
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

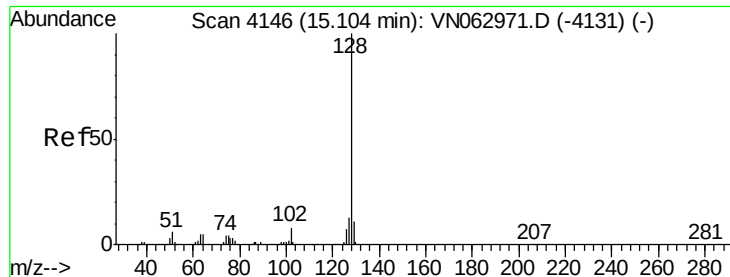
Tgt Ion:180 Resp: 9483
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.8 143.3
 145 29.5 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 5.964 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062974.D
 Acq: 17 Aug 2020 16:20

Tgt Ion:225 Resp: 10271
 Ion Ratio Lower Upper
 225 100
 223 67.1 30.9 92.5
 227 64.0 32.0 96.0

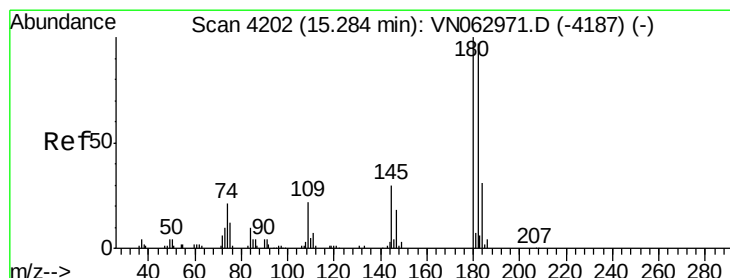
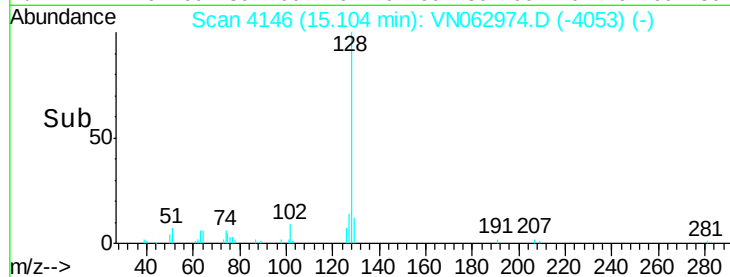
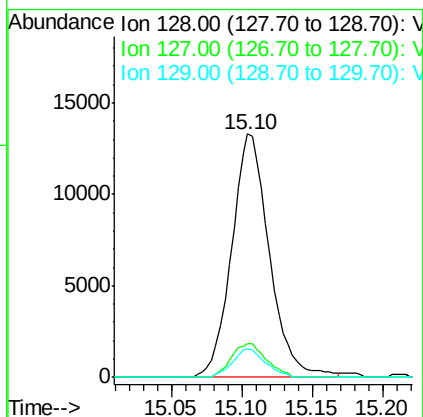
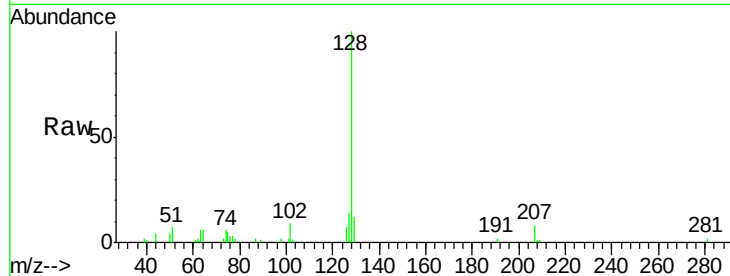




#95
Naphthalene
Concen: 5.433 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 24854
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 7.599 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062974.D
Acq: 17 Aug 2020 16:20

Tgt Ion:180 Resp: 10477
Ion Ratio Lower Upper
180 100
182 96.5 49.3 147.8
145 29.3 15.0 45.0

