

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062487.D
 Acq On : 10 Jul 2020 12:42
 Operator : JC/MD
 Sample : L3216-09 .5PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 03:20:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 11 03:18:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	194136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	335637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	302748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	161445	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
35) Dibromofluoromethane	7.55	113	115725	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
50) Toluene-d8	10.06	98	436486	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.38	95	144402	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	1102	0.557	ug/l	95
3) Chloromethane	2.03	50	2045	0.645	ug/l	98
4) Vinyl Chloride	2.16	62	1554	0.598	ug/l	92
5) Bromomethane	2.54	94	973	0.697	ug/l	85
6) Chloroethane	2.67	64	878	0.580	ug/l #	70
7) Trichlorofluoromethane	2.98	101	2173	0.658	ug/l	95
8) Diethyl Ether	3.37	74	790	0.535	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.72	101	921	0.471	ug/l #	61
10) Methyl Iodide	3.91	142	849	0.329	ug/l #	39
11) Tert butyl alcohol	4.74	59	1078	2.176	ug/l #	74
12) 1,1-Dichloroethene	3.70	96	1295	0.650	ug/l	81
13) Acrolein	3.57	56	469	1.313	ug/l #	82
14) Allyl chloride	4.28	41	2817	0.601	ug/l #	89
15) Acrylonitrile	4.95	53	1924	1.481	ug/l #	70
16) Acetone	3.78	43	4288	3.382	ug/l	92
17) Carbon Disulfide	4.01	76	4551	0.729	ug/l #	95
18) Methyl Acetate	4.28	43	3100	0.980	ug/l #	61
19) Methyl tert-butyl Ether	5.00	73	4358	0.577	ug/l	97
20) Methylene Chloride	4.49	84	1325	0.489	ug/l #	75
21) trans-1,2-Dichloroethene	5.00	96	1439	0.667	ug/l #	61
22) Diisopropyl ether	5.91	45	5376	0.581	ug/l #	83
23) Vinyl Acetate	5.85	43	19422	2.532	ug/l	99
24) 1,1-Dichloroethane	5.80	63	2649	0.554	ug/l #	85
25) 2-Butanone	6.81	43	5018	2.710	ug/l #	81
26) 2,2-Dichloropropane	6.76	77	1124	0.306	ug/l	97
27) cis-1,2-Dichloroethene	6.79	96	1497	0.599	ug/l	79
28) Bromochloromethane	7.15	49	965	0.371	ug/l #	86
29) Tetrahydrofuran	7.17	42	3515	2.820	ug/l #	68
30) Chloroform	7.32	83	1100	0.255	ug/l	88
31) Cyclohexane	7.62	56	7221	1.592	ug/l #	31
32) 1,1,1-Trichloroethane	7.53	97	2230	0.621	ug/l #	52
36) 1,1-Dichloropropene	7.76	75	2063	0.610	ug/l #	91
37) Ethyl Acetate	6.90	43	2712	0.686	ug/l #	70
38) Carbon Tetrachloride	7.74	117	2009	0.661	ug/l	94

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Quant Time: Jul 11 03:20:15 2020
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 Quant Title : SW846 8260
 QLast Update : Sat Jul 11 03:18:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	1866	0.517	ug/l #	84
40) Benzene	8.00	78	5983	0.600	ug/l	98
41) Methacrylonitrile	7.12	41	665	0.403	ug/l #	59
42) 1,2-Dichloroethane	8.09	62	2466	0.676	ug/l #	78
43) Isopropyl Acetate	8.13	43	3145	0.504	ug/l #	84
44) Trichloroethene	8.81	130	1153	0.521	ug/l	78
45) 1,2-Dichloropropane	9.08	63	1509	0.522	ug/l	97
46) Dibromomethane	9.18	93	753	0.461	ug/l	98
47) Bromodichloromethane	9.37	83	2085	0.597	ug/l #	88
48) Methyl methacrylate	9.17	41	1369	0.447	ug/l #	85
49) 1,4-Dioxane	9.17	88	393	8.812	ug/l #	83
51) 4-Methyl-2-Pentanone	9.95	43	10132	2.716	ug/l	99
52) Toluene	10.13	92	3505	0.609	ug/l	96
53) t-1,3-Dichloropropene	10.36	75	1798	0.460	ug/l #	81
54) cis-1,3-Dichloropropene	9.81	75	2253	0.522	ug/l #	89
55) 1,1,2-Trichloroethane	10.53	97	1440	0.636	ug/l	92
56) Ethyl methacrylate	10.41	69	1676	0.443	ug/l #	81
57) 1,3-Dichloropropane	10.68	76	2391	0.572	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.67	63	2243	1.670	ug/l	91
59) 2-Hexanone	10.73	43	6921	2.555	ug/l	90
60) Dibromochloromethane	10.88	129	1414	0.576	ug/l	82
61) 1,2-Dibromoethane	10.98	107	1041	0.455	ug/l	90
64) Tetrachloroethene	10.60	164	1034	0.576	ug/l #	88
65) Chlorobenzene	11.40	112	3388	0.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	1279	0.589	ug/l #	65
67) Ethyl Benzene	11.48	91	6261	0.567	ug/l	90
68) m/p-Xylenes	11.60	106	4212	1.077	ug/l	98
69) o-Xylene	11.92	106	2187	0.574	ug/l	74
70) Styrene	11.94	104	3064	0.487	ug/l	97
71) Bromoform	12.10	173	787	0.495	ug/l #	29
73) Isopropylbenzene	12.22	105	4971	0.556	ug/l	100
74) N-amyl acetate	12.05	43	2278	0.524	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.48	83	1984	0.660	ug/l #	89
76) 1,2,3-Trichloropropane	12.53	75	2407	0.850	ug/l #	100
77) Bromobenzene	12.50	156	1429	0.704	ug/l	89
78) n-propylbenzene	12.57	91	6277	0.602	ug/l	98
79) 2-Chlorotoluene	12.65	91	3741	0.591	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	4226	0.577	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.38	75	76346	72.138	ug/l #	10
82) 4-Chlorotoluene	12.75	91	4230	0.658	ug/l	86
83) tert-Butylbenzene	12.97	119	3446	0.554	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	3780	0.519	ug/l	96
85) sec-Butylbenzene	13.15	105	4261	0.517	ug/l	94
86) p-Isopropyltoluene	13.26	119	3455	0.486	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	2130	0.608	ug/l	87
88) 1,4-Dichlorobenzene	13.26	146	2130	0.591	ug/l	89
89) n-Butylbenzene	13.59	91	3173	0.506	ug/l	92
90) Hexachloroethane	13.85	117	901	0.644	ug/l	79
91) 1,2-Dichlorobenzene	13.63	146	1809	0.534	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.25	75	171	0.312	ug/l #	43

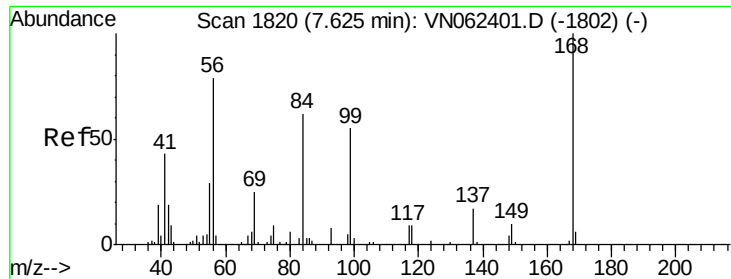
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Quant Title : SW846 8260
QLast Update : Sat Jul 11 03:18:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	593	0.388	ug/l #	79
94) Hexachlorobutadiene	14.98	225	585	0.650	ug/l	72
95) Naphthalene	15.11	128	2247	0.522	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.28	180	740	0.466	ug/l #	73

(#) = 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: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

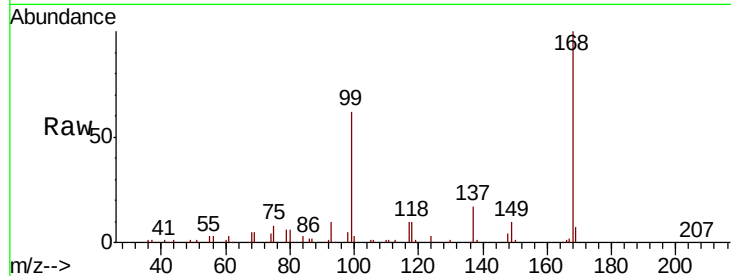
ClientSampleId :

Tot Ion:168 Resp: 194136

Ion Ratio Lower Upper

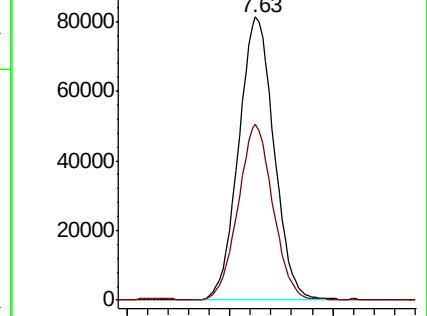
168 100

99 62.1 48.8 73.2

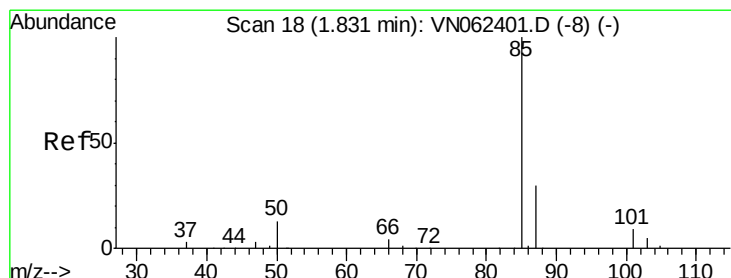
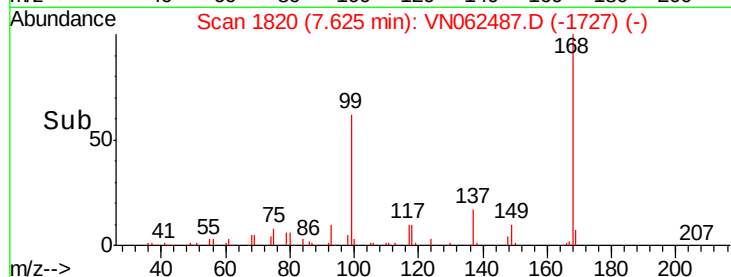


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



Time-->



#2

Dichlorodifluoromethane

Concen: 0.557 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062487.D

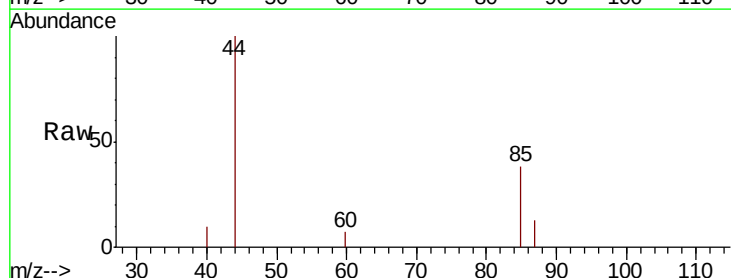
Acq: 10 Jul 2020 12:42

Tgt Ion: 85 Resp: 1102

Ion Ratio Lower Upper

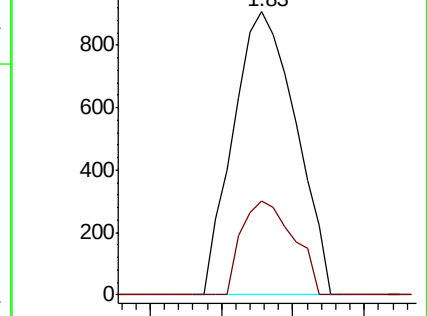
85 100

87 33.1 15.2 45.5

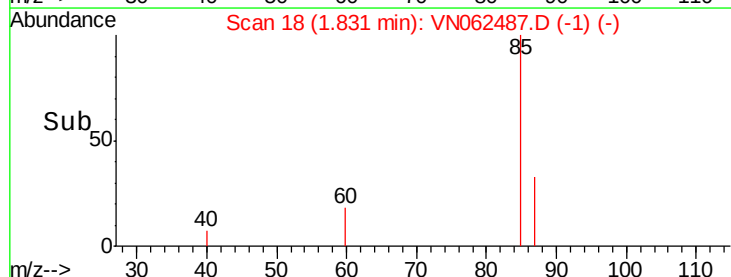


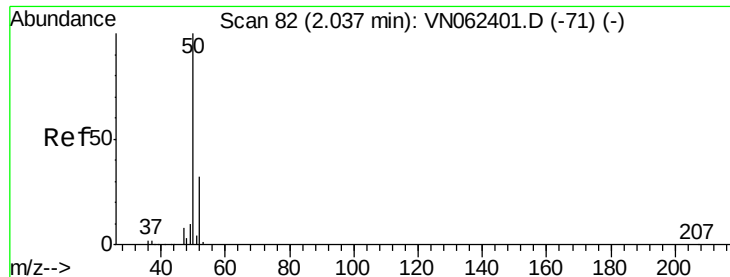
Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO



Time-->





#3

Chloromethane

Concen: 0.645 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

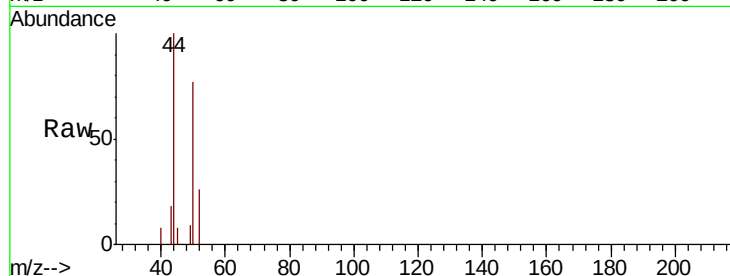
ClientSampleId :

Tot Ion: 50 Resp: 2045

Ion Ratio Lower Upper

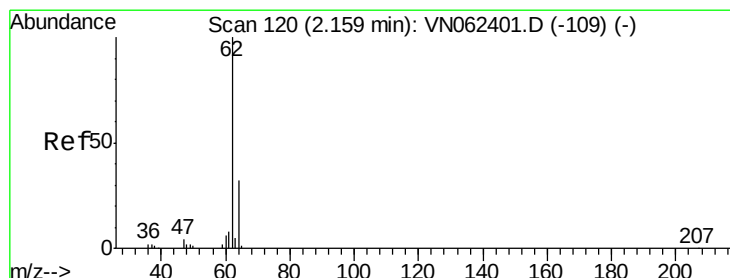
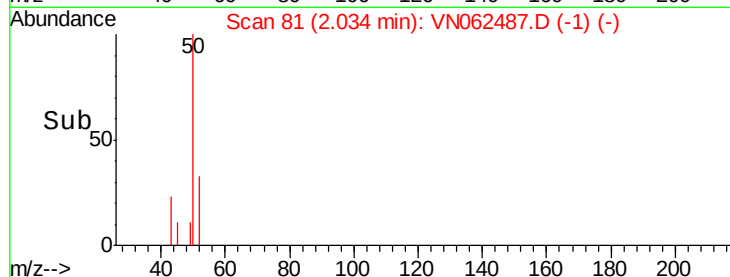
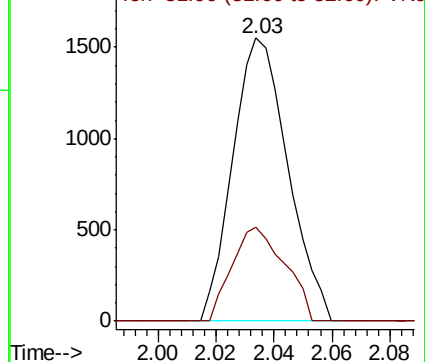
50 100

52 33.3 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 0.598 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062487.D

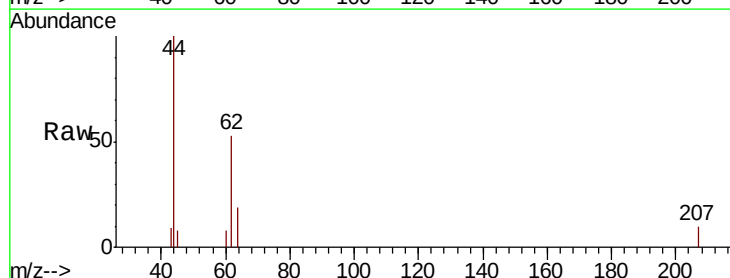
Acq: 10 Jul 2020 12:42

Tgt Ion: 62 Resp: 1554

Ion Ratio Lower Upper

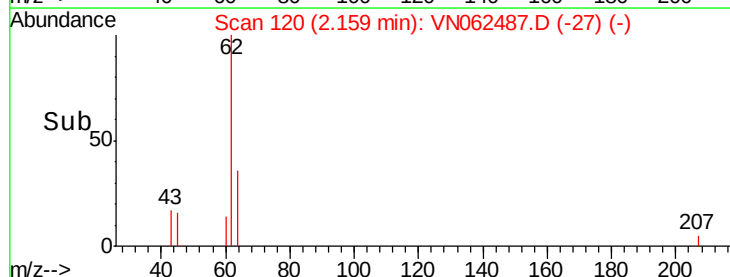
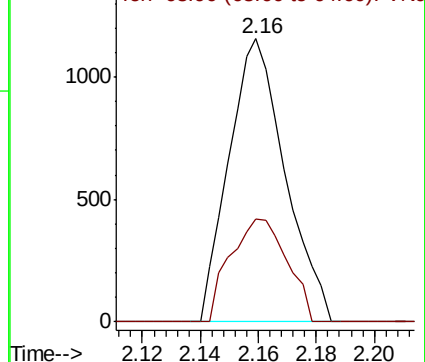
62 100

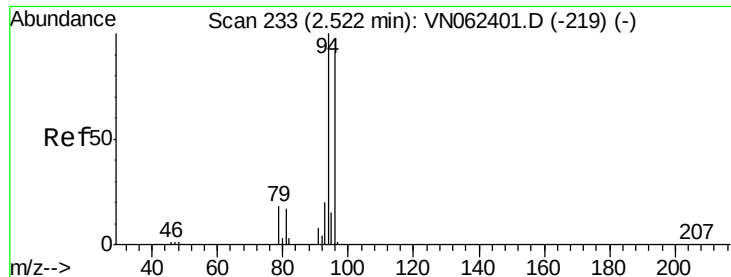
64 36.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 0.697 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

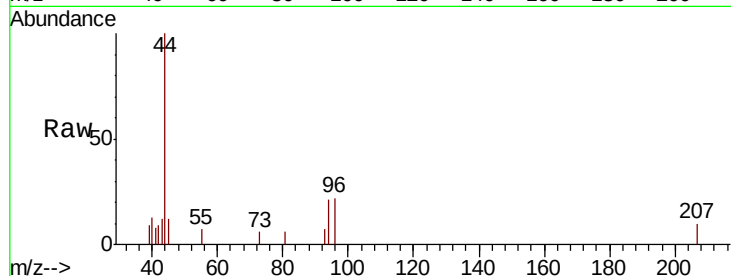
ClientSampled :

Tot Ion: 94 Resp: 973

Ion Ratio Lower Upper

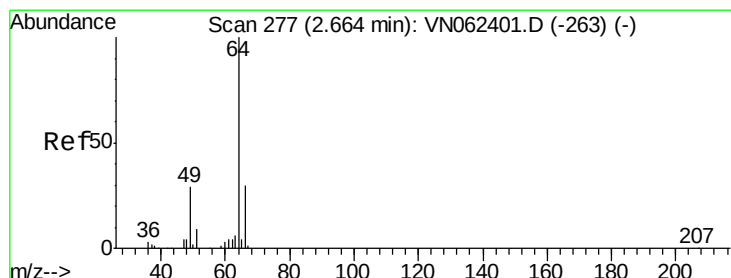
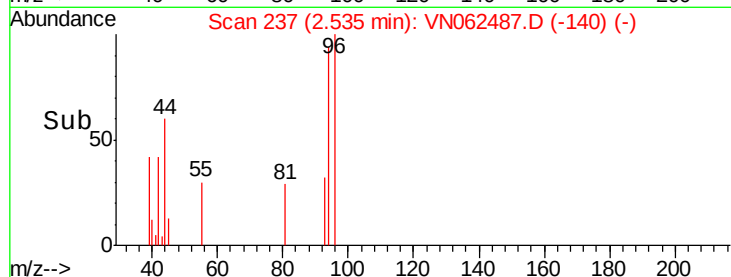
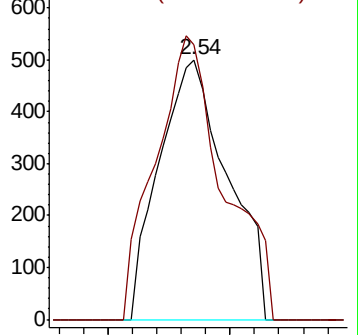
94 100

96 106.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 0.580 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062487.D

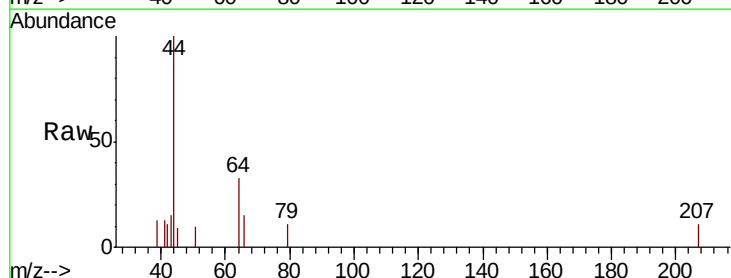
Acq: 10 Jul 2020 12:42

Tgt Ion: 64 Resp: 878

Ion Ratio Lower Upper

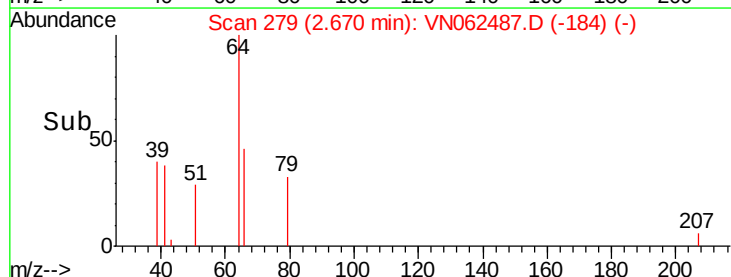
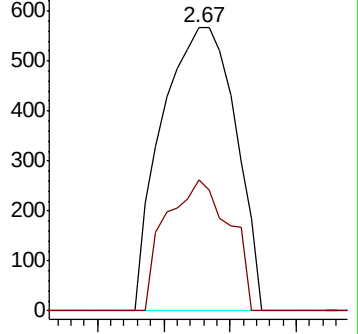
64 100

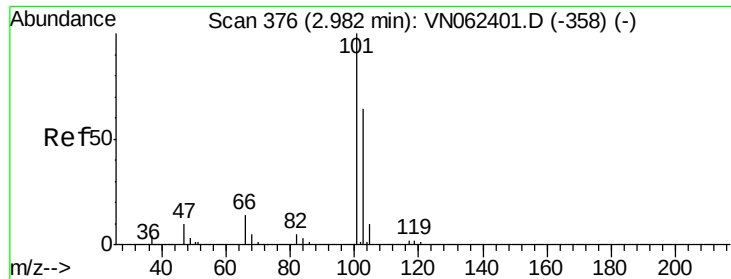
66 46.4 24.2 36.2#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



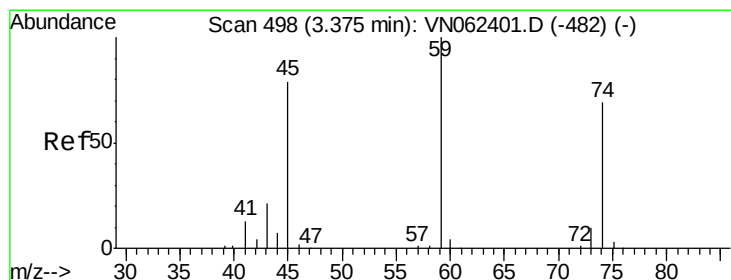
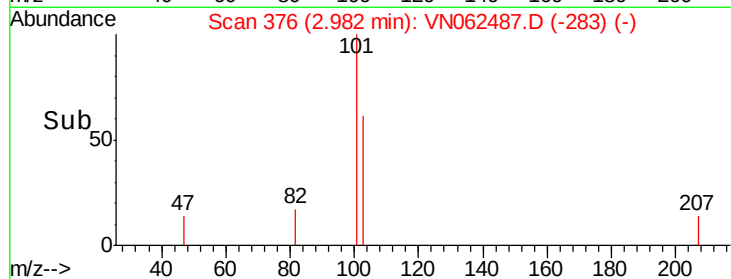
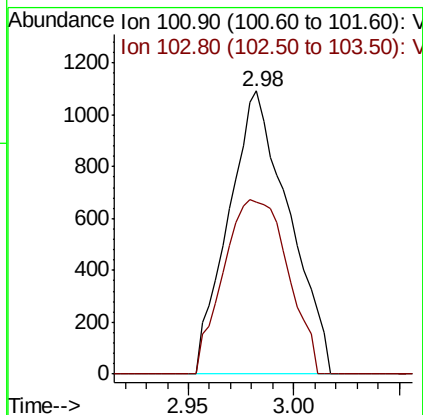
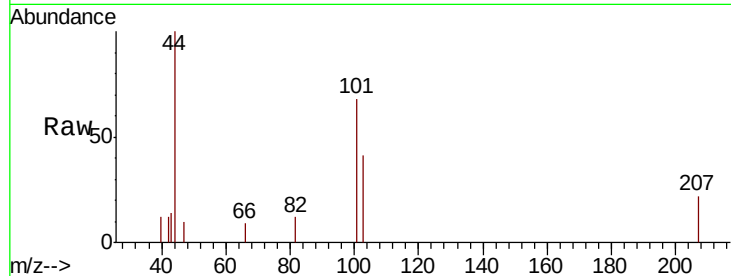


#7

Trichlorofluoromethane
 Concen: 0.658 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Instrument :
 MSVOA_N
 ClientSampled :

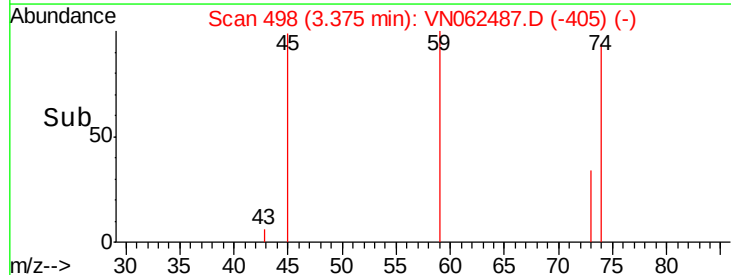
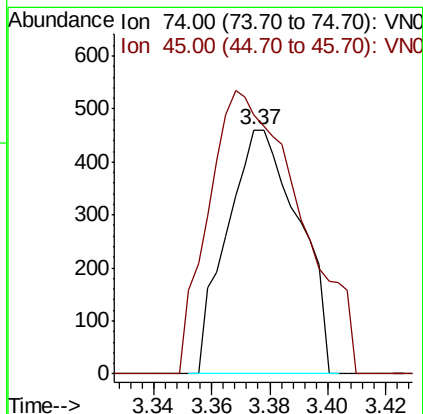
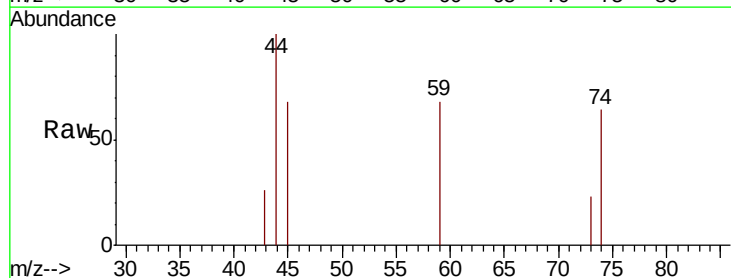
Tot Ion:101 Resp: 2173
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.6 77.4

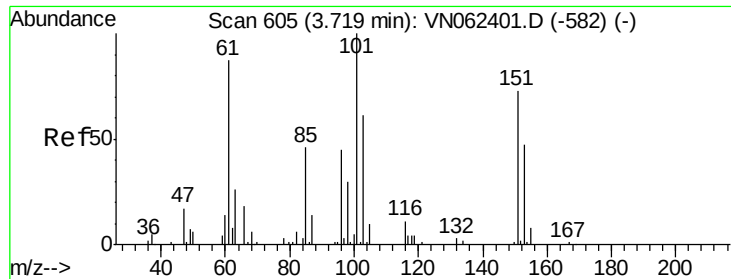


#8

Diethyl Ether
 Concen: 0.535 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion: 74 Resp: 790
 Ion Ratio Lower Upper
 74 100
 45 148.1 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.471 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

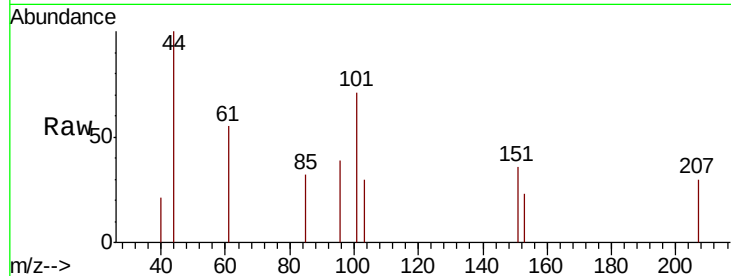
Tot Ion:101 Resp: 921

Ion Ratio Lower Upper

101 100

85 29.3 36.7 55.1#

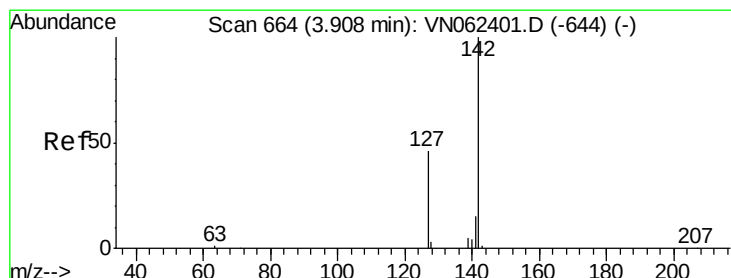
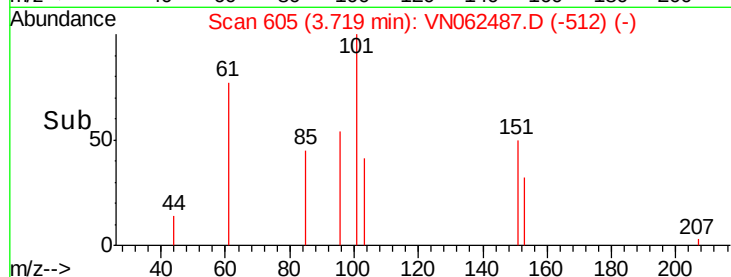
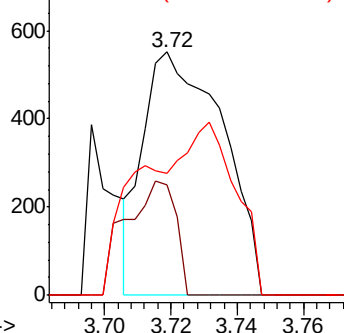
151 32.2 58.3 87.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.329 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

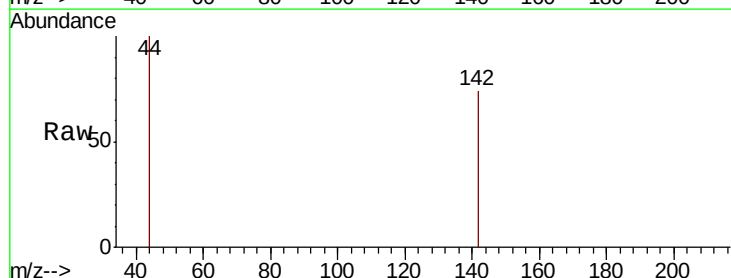
Tgt Ion:142 Resp: 849

Ion Ratio Lower Upper

142 100

127 0.0 36.1 54.1#

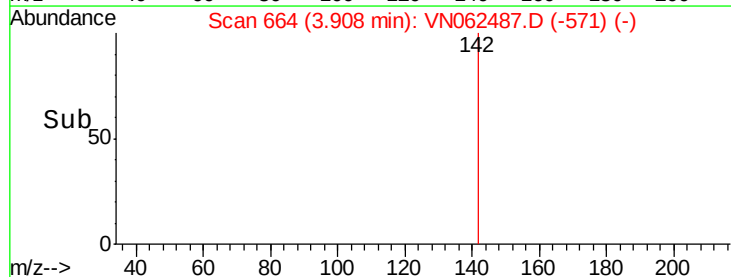
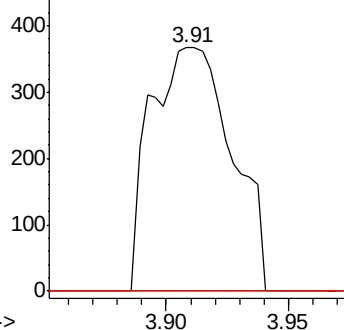
141 0.0 11.4 17.0#

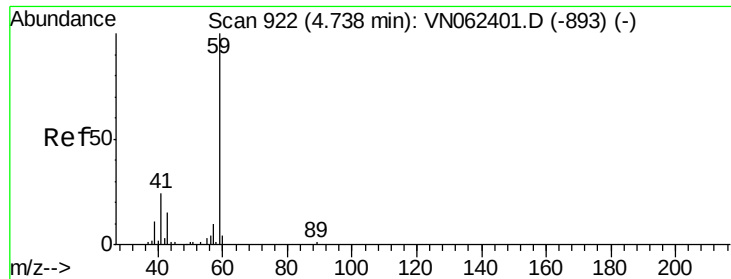


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



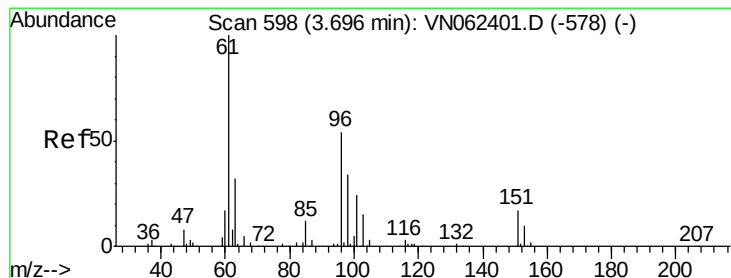
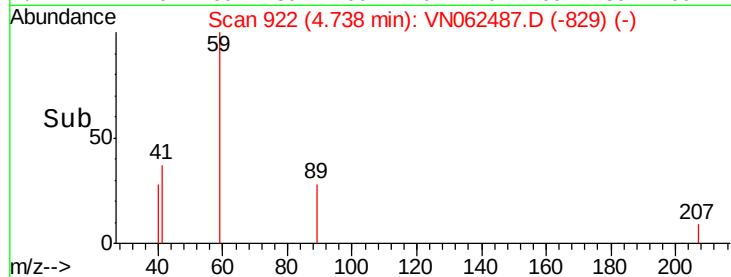
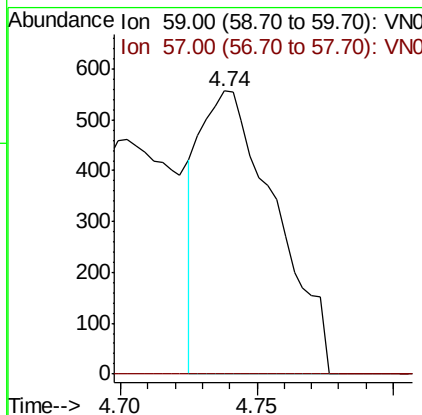
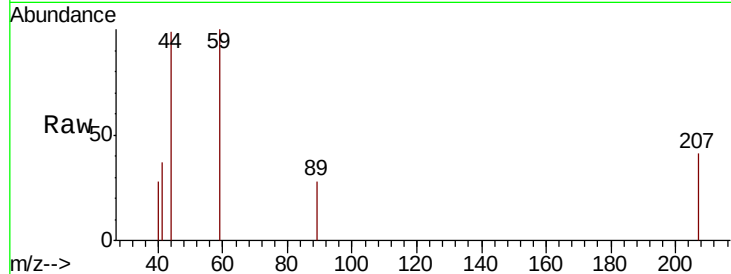


#11

Tert butyl alcohol
 Concen: 2.176 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Instrument :
 MSVOA_N
 ClientSampled :

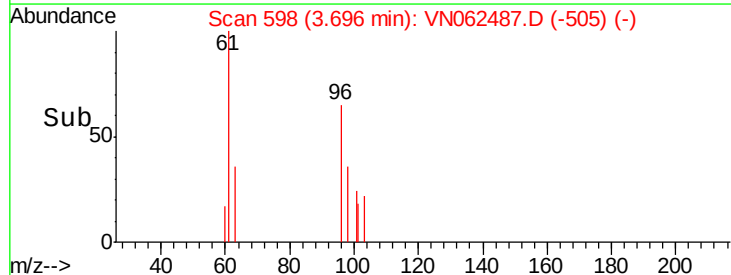
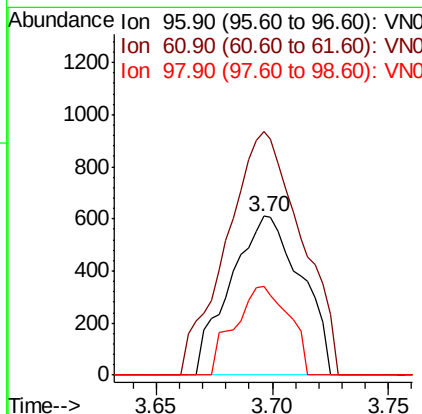
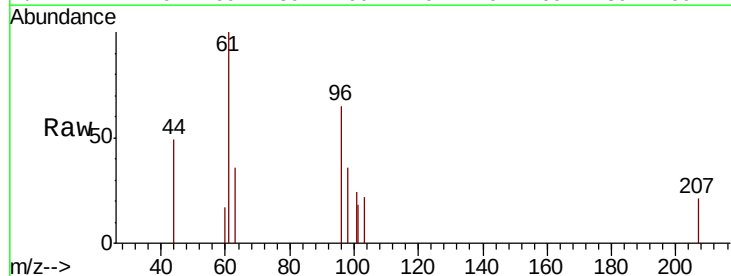
Tot Ion: 59 Resp: 1078
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

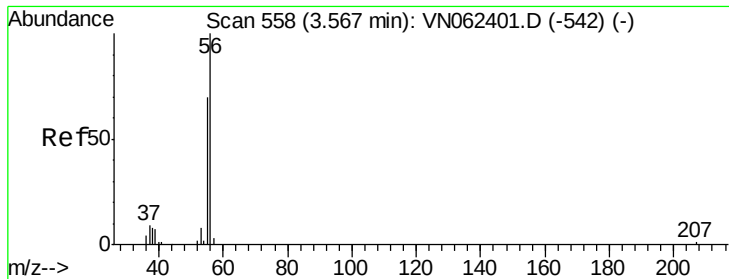


#12

1,1-Dichloroethene
 Concen: 0.650 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion: 96 Resp: 1295
 Ion Ratio Lower Upper
 96 100
 61 153.0 147.4 221.0
 98 55.8 50.4 75.6





#13

Acrolein

Concen: 1.313 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

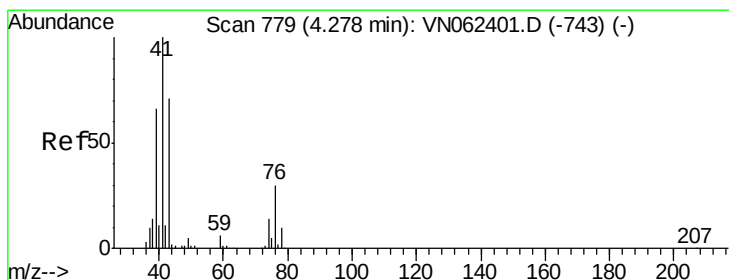
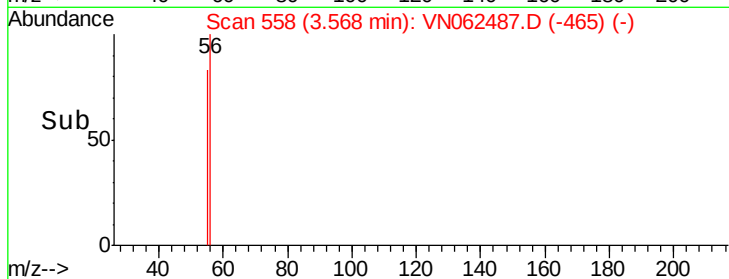
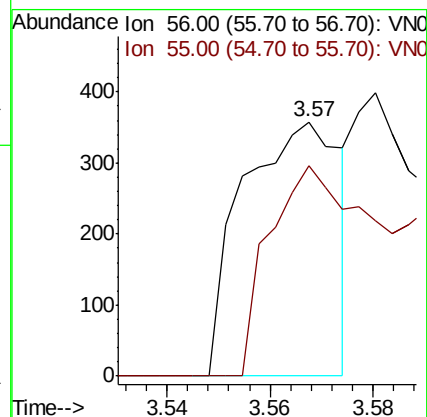
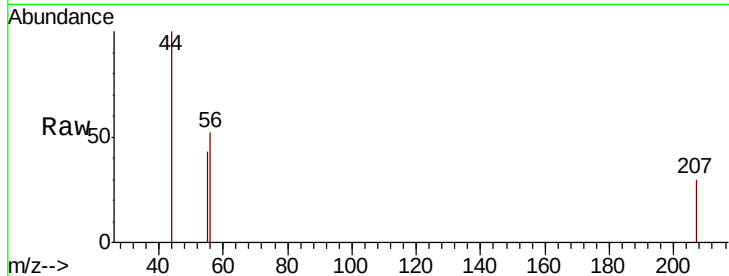
ClientSampled :

Tot Ion: 56 Resp: 469

Ion Ratio Lower Upper

56 100

55 86.8 57.2 85.8#



#14

Allyl chloride

Concen: 0.601 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

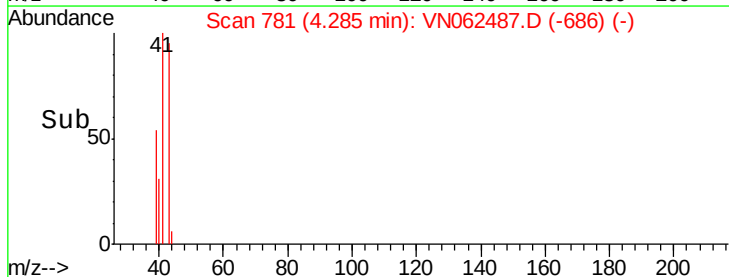
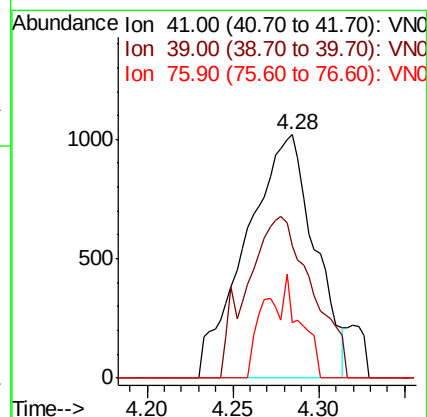
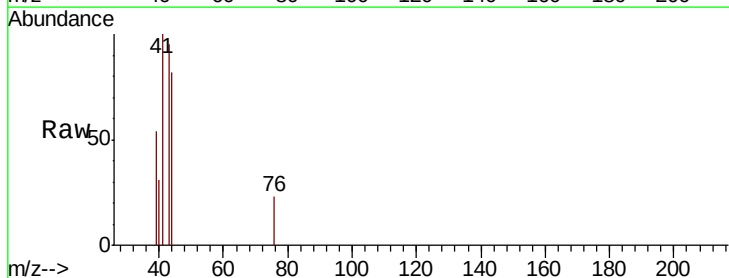
Tgt Ion: 41 Resp: 2817

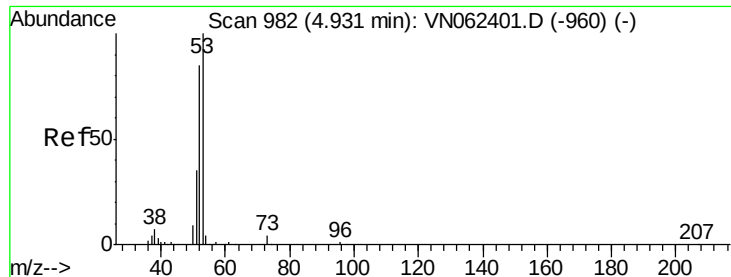
Ion Ratio Lower Upper

41 100

39 62.9 49.6 74.4

76 11.3 22.2 33.4#





#15

Acrylonitrile

Concen: 1.481 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.02 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

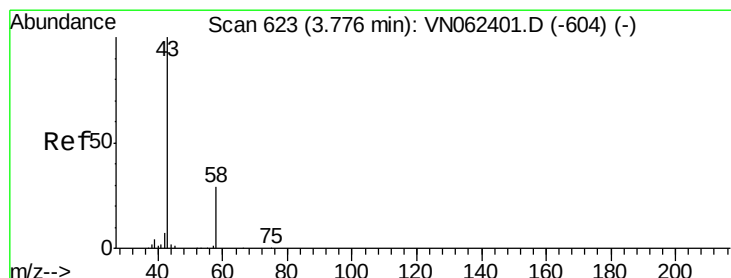
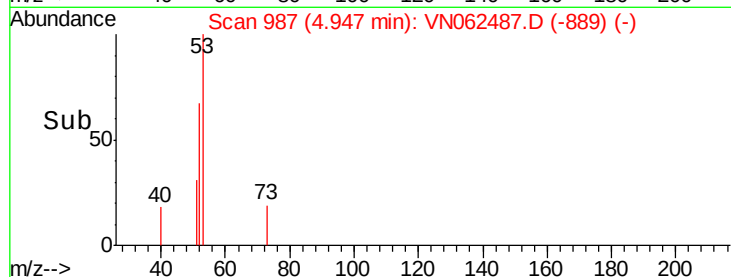
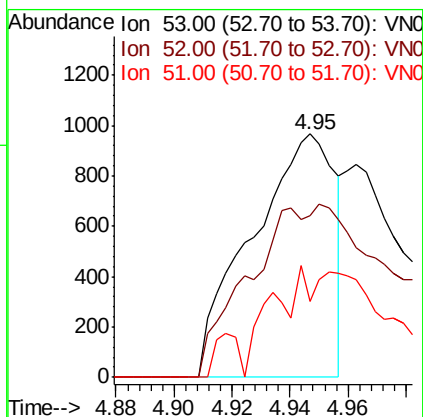
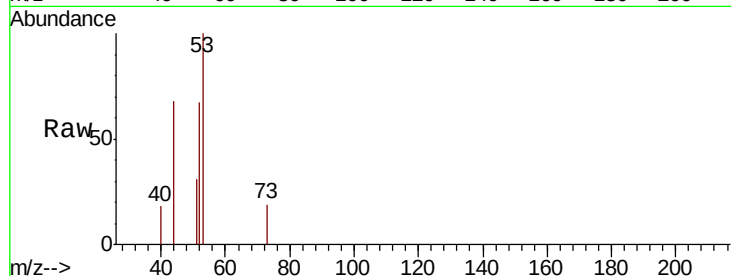
Tot Ion: 53 Resp: 1924

Ion Ratio Lower Upper

53 100

52 47.8 66.2 99.4#

51 42.0 28.7 43.1



#16

Acetone

Concen: 3.382 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062487.D

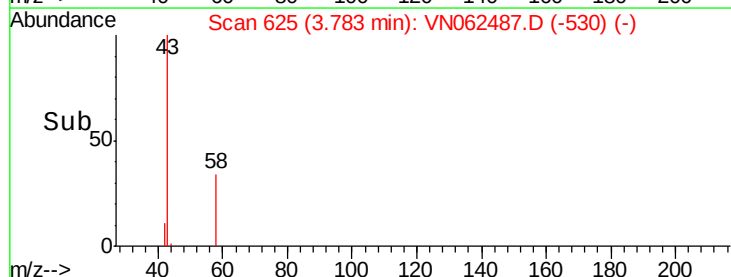
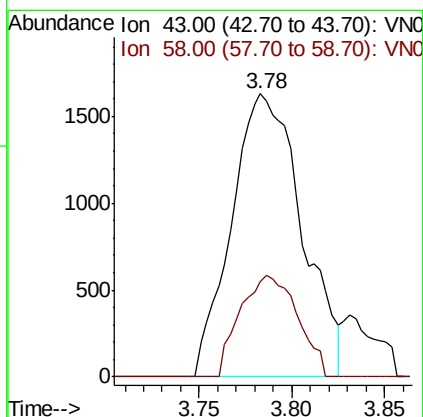
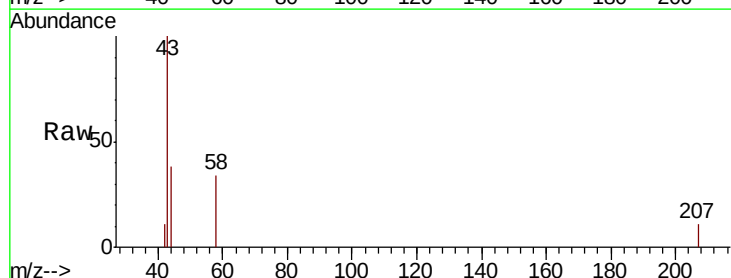
Acq: 10 Jul 2020 12:42

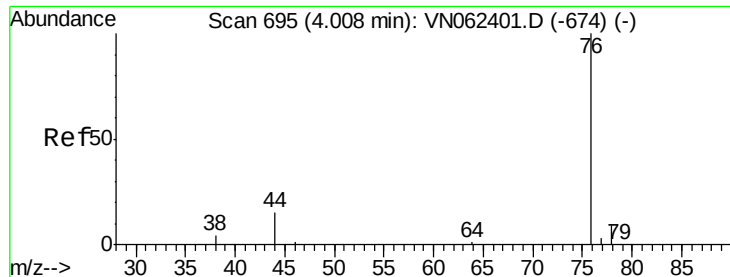
Tgt Ion: 43 Resp: 4288

Ion Ratio Lower Upper

43 100

58 33.7 23.5 35.3

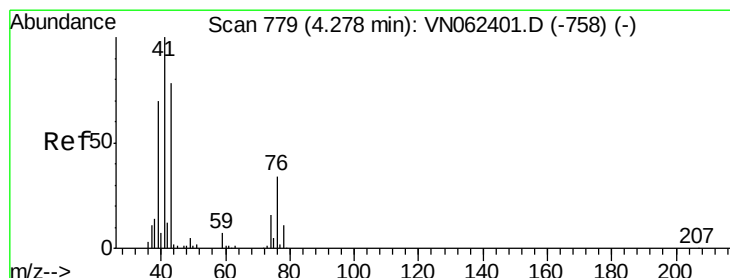
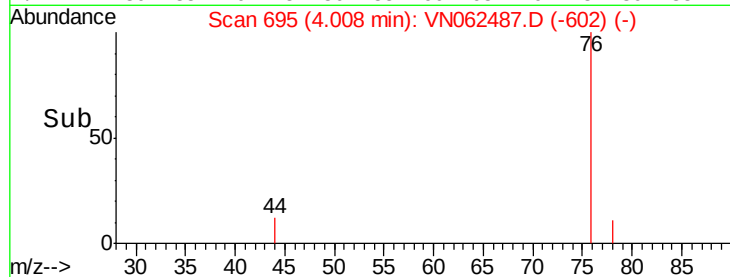
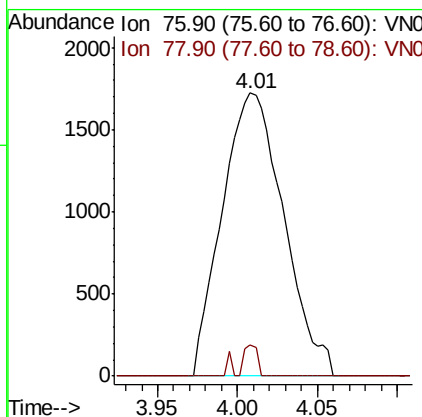
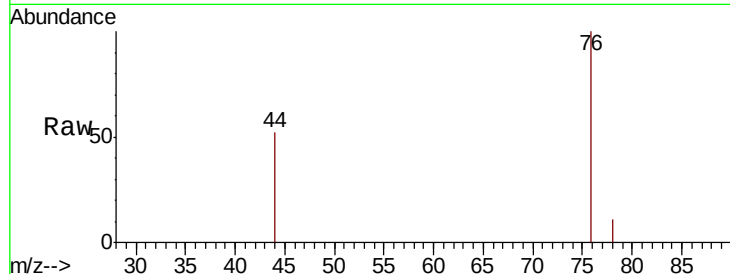




#17
Carbon Disulfide
Concen: 0.729 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

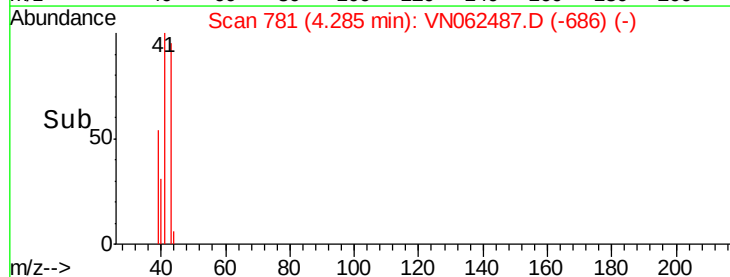
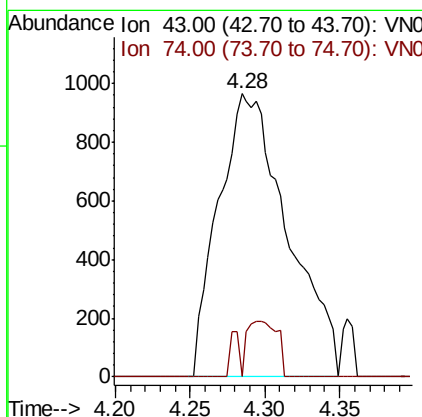
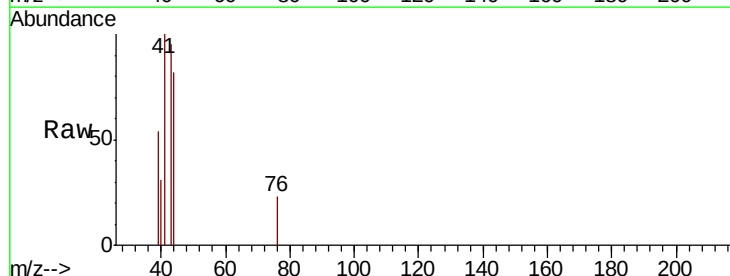
Instrument :
MSVOA_N
ClientSampleId :

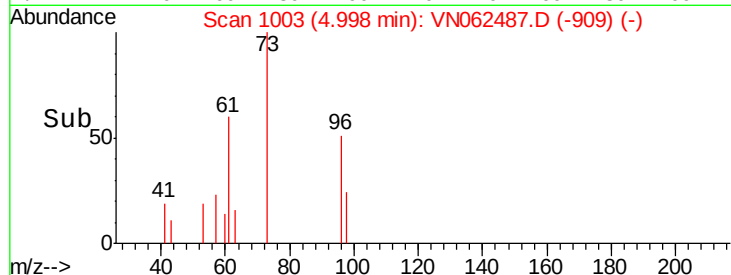
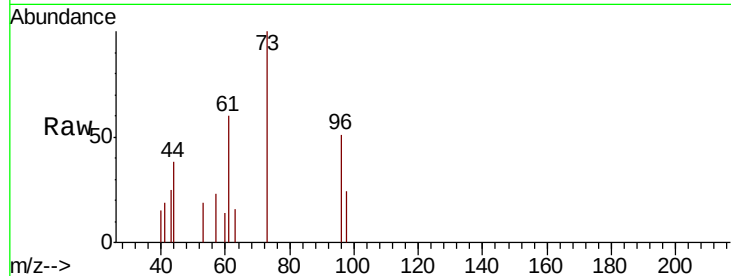
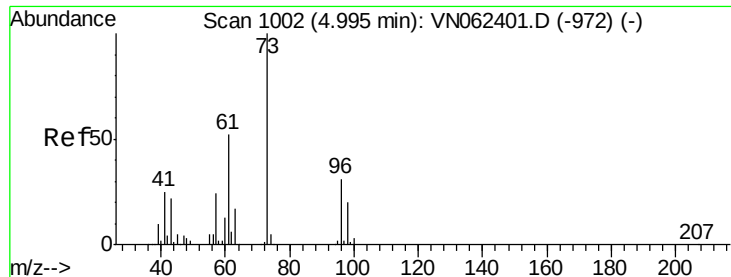
Tot Ion: 76 Resp: 4551
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9#



#18
Methyl Acetate
Concen: 0.980 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion: 43 Resp: 3100
Ion Ratio Lower Upper
43 100
74 1.9 16.0 24.0#





#19

Methyl tert-butyl Ether

Concen: 0.577 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

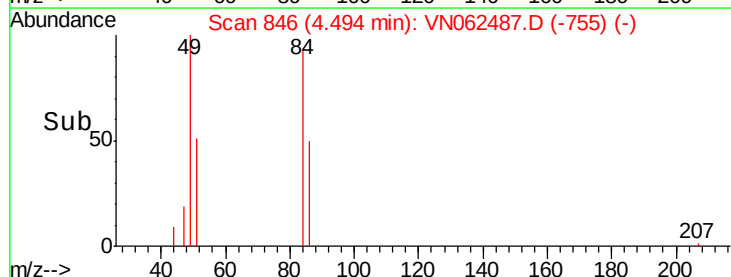
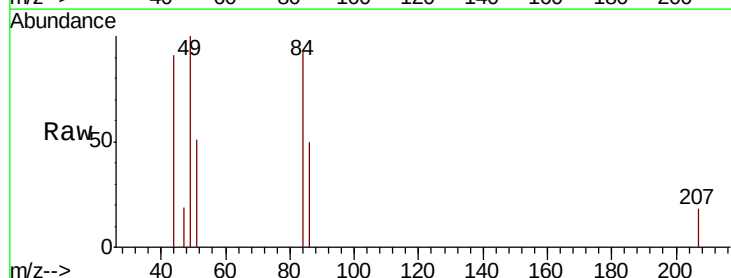
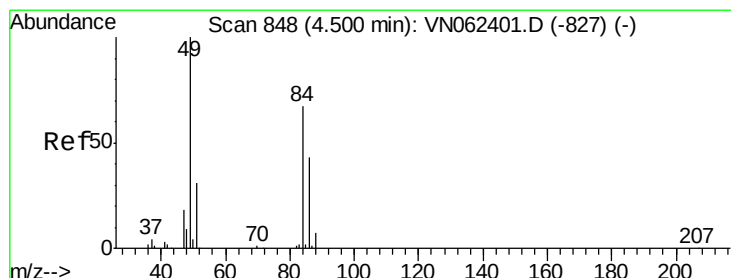
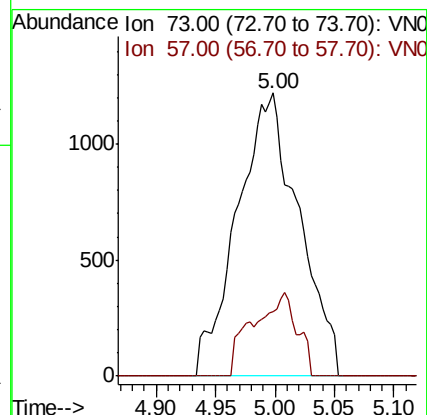
ClientSampled :

Tot Ion: 73 Resp: 4358

Ion Ratio Lower Upper

73 100

57 22.7 19.4 29.0



#20

Methylene Chloride

Concen: 0.489 ug/l

RT: 4.49 min Scan# 846

Delta R.T. -0.01 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Tgt Ion: 84 Resp: 1325

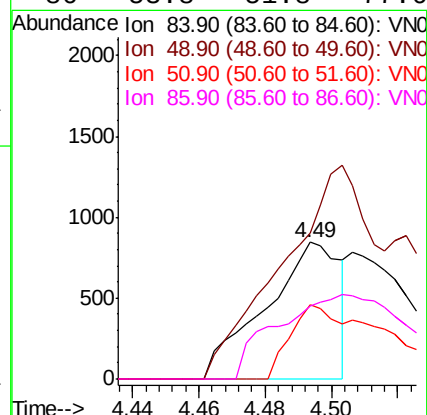
Ion Ratio Lower Upper

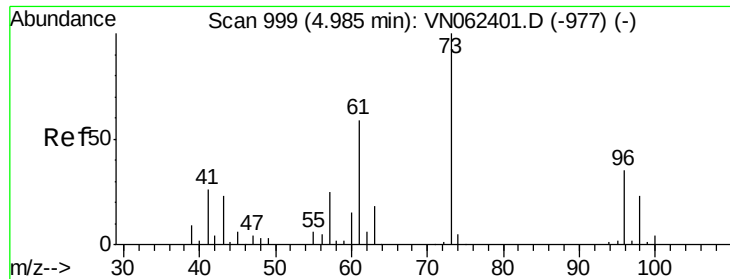
84 100

49 107.3 120.0 180.0#

51 54.6 37.0 55.6

86 53.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 0.667 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :
MSVOA_N
ClientSampled :

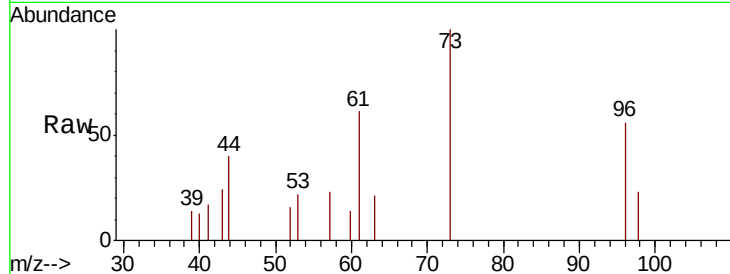
Tot Ion: 96 Resp: 1439

Ion Ratio Lower Upper

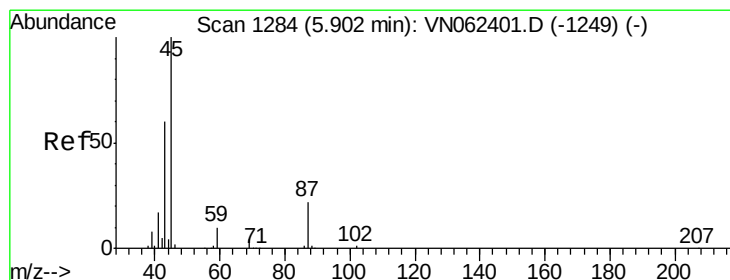
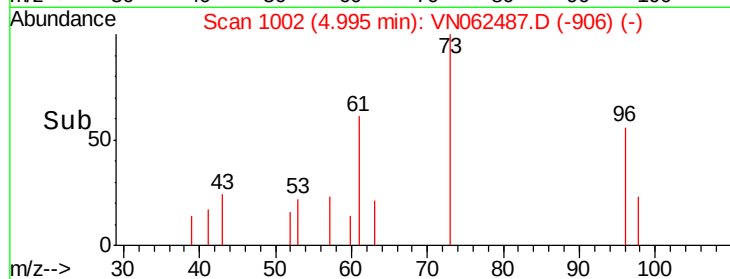
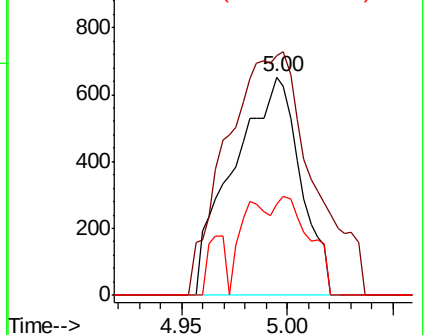
96 100

61 109.8 133.5 200.3#

98 42.0 51.9 77.9#



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 0.581 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Tgt Ion: 45 Resp: 5376

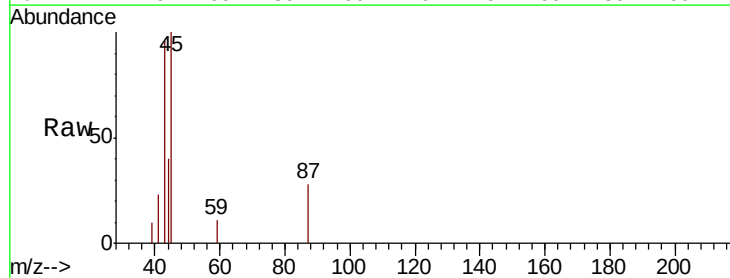
Ion Ratio Lower Upper

45 100

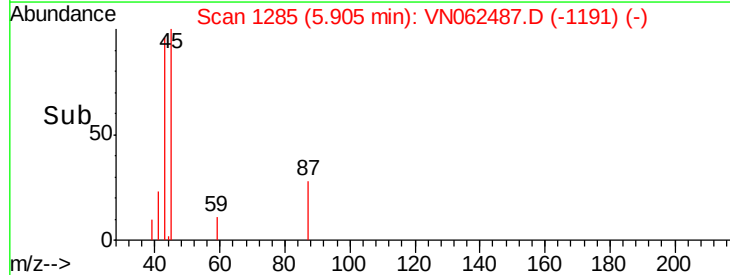
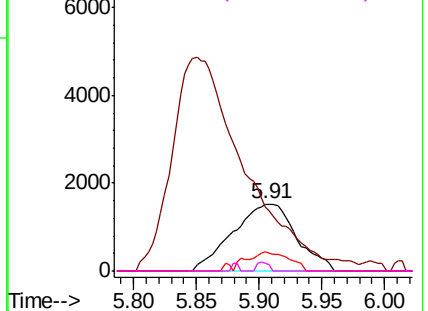
43 79.1 50.1 75.1#

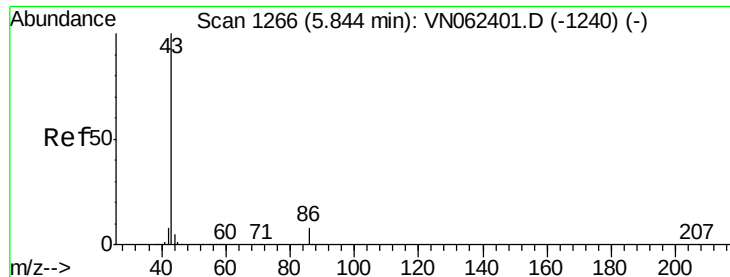
87 28.1 18.2 27.4#

59 10.9 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 2.532 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

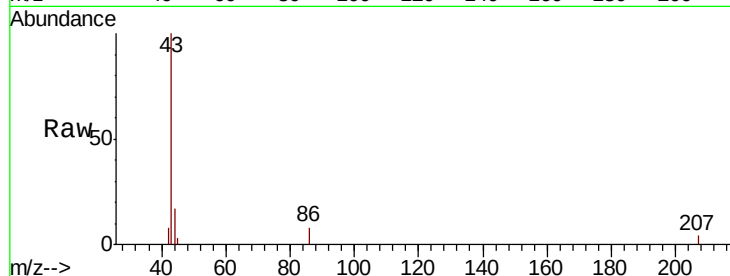
ClientSampled :

Tot Ion: 43 Resp: 19422

Ion Ratio Lower Upper

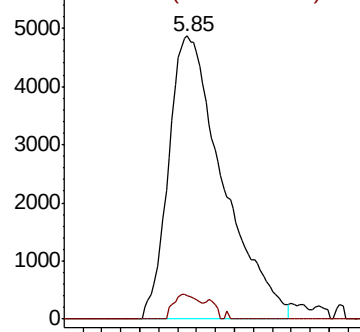
43 100

86 8.2 6.7 10.1

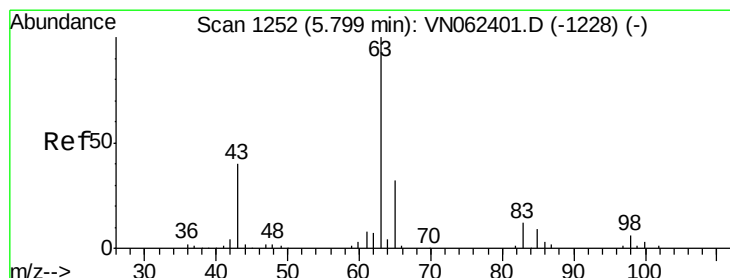
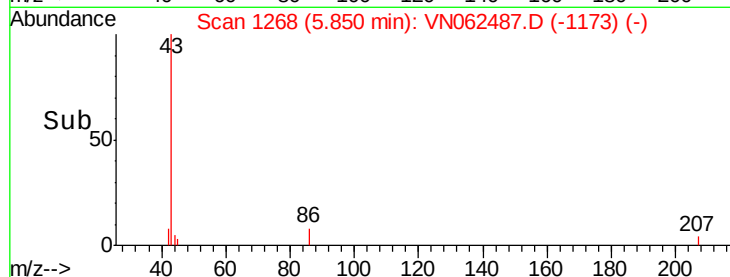


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 0.554 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

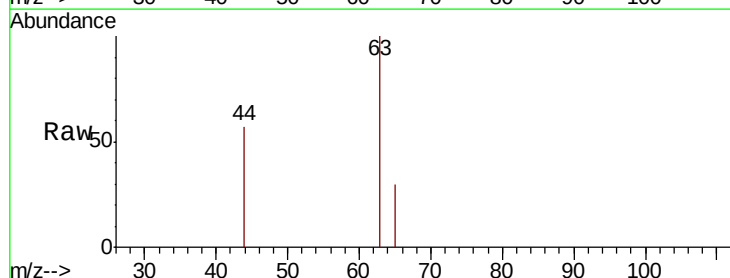
Tgt Ion: 63 Resp: 2649

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.8#

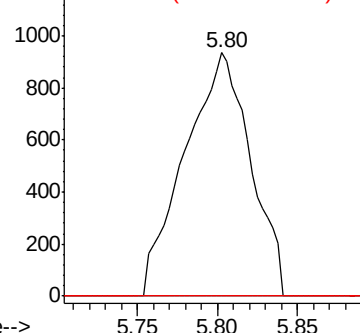
100 0.0 1.8 5.3#



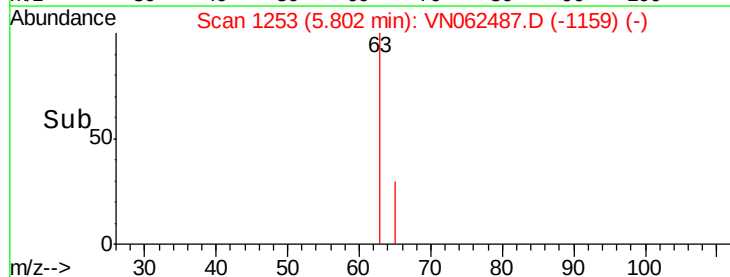
Abundance Ion 62.90 (62.60 to 63.60): VN0

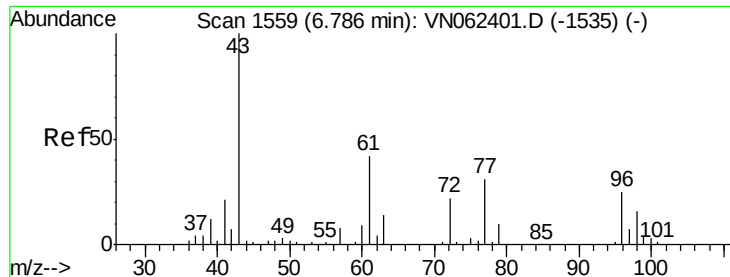
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->





#25

2-Butanone

Concen: 2.710 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.02 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

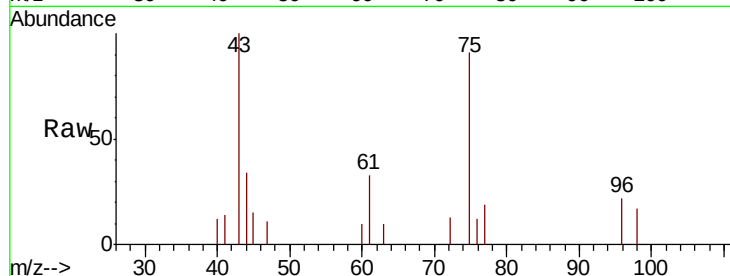
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 5018

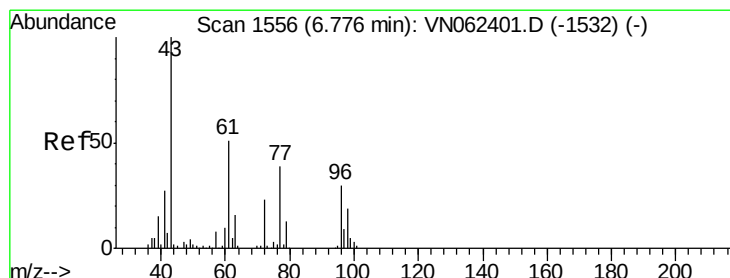
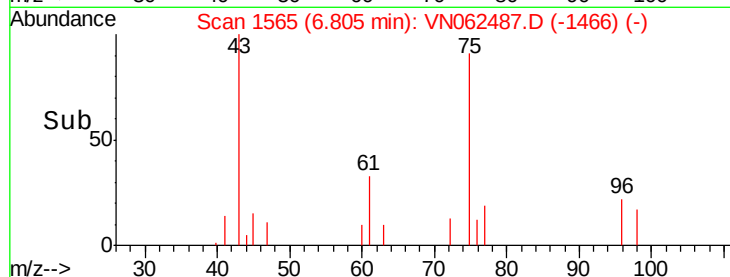
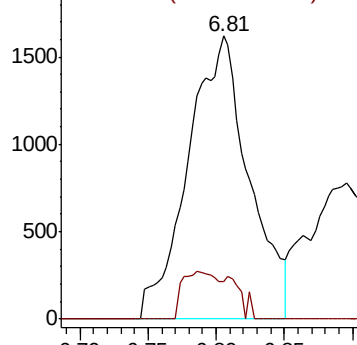
Ion Ratio Lower Upper

43 100

72 13.5 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 0.306 ug/l

RT: 6.76 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VN062487.D

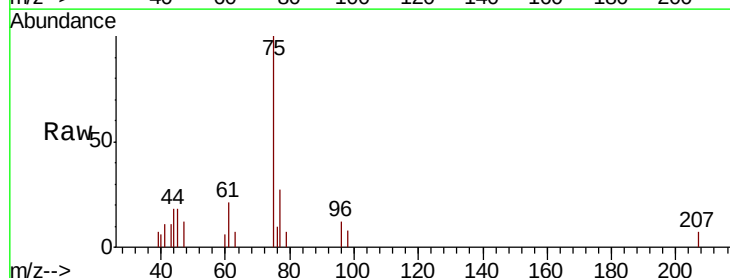
Acq: 10 Jul 2020 12:42

Tgt Ion: 77 Resp: 1124

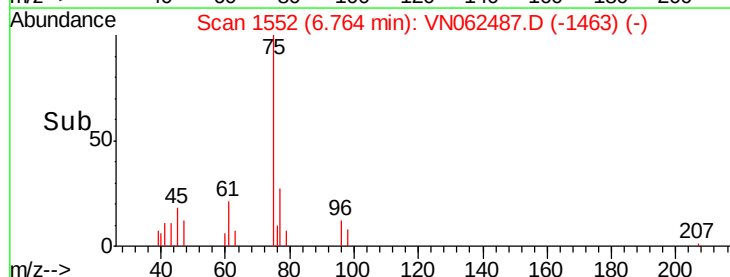
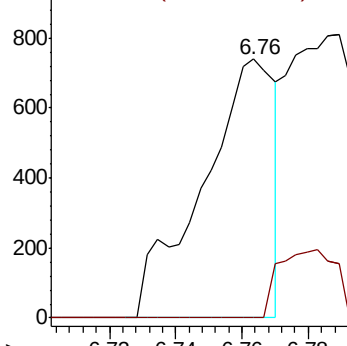
Ion Ratio Lower Upper

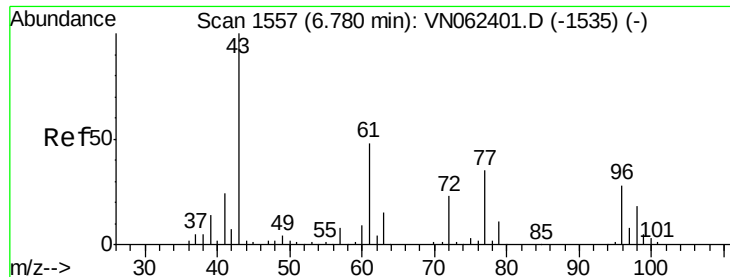
77 100

97 20.6 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VN0
Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 0.599 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :
MSVOA_N
ClientSampled :

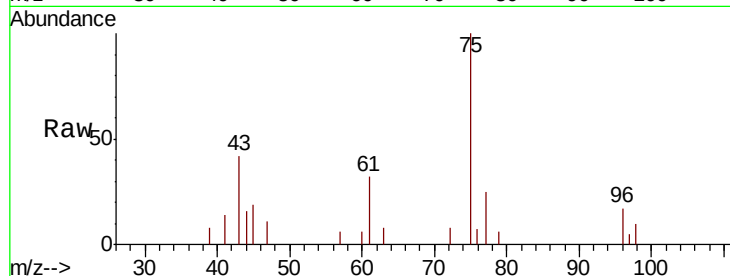
Tot Ion: 96 Resp: 1497

Ion Ratio Lower Upper

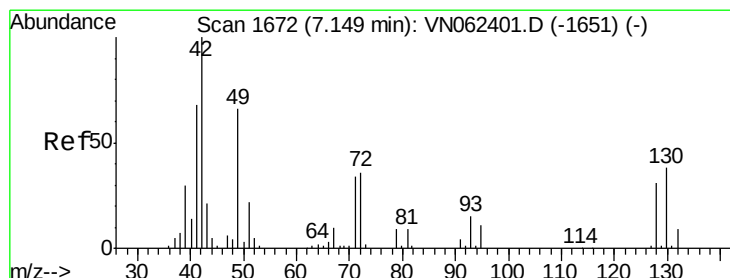
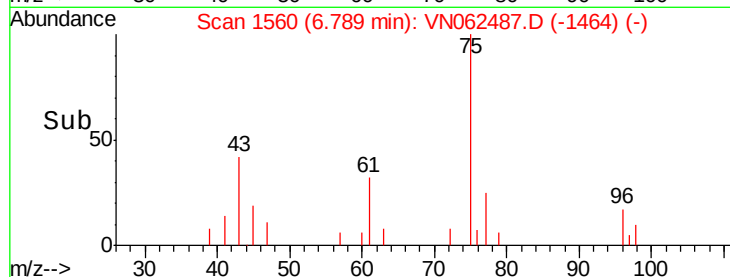
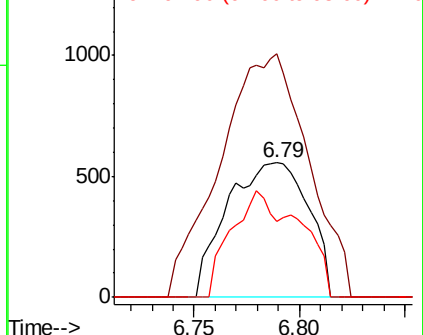
96 100

61 195.9 0.0 343.4

98 41.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 0.371 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

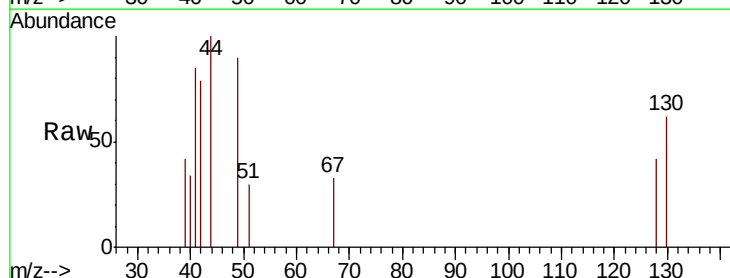
Tgt Ion: 49 Resp: 965

Ion Ratio Lower Upper

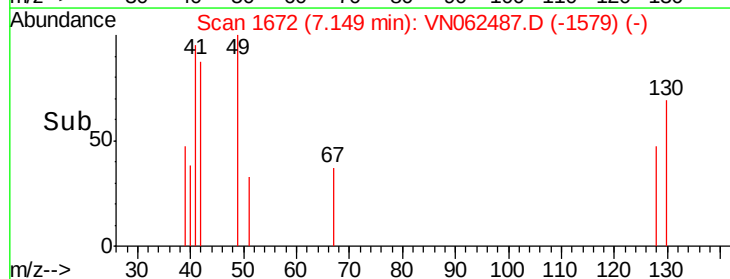
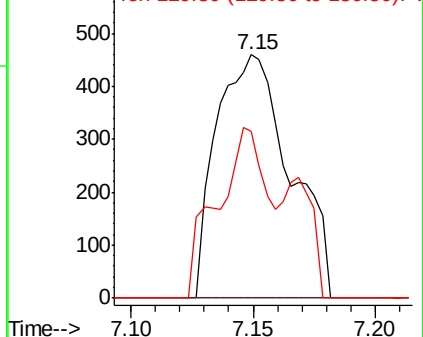
49 100

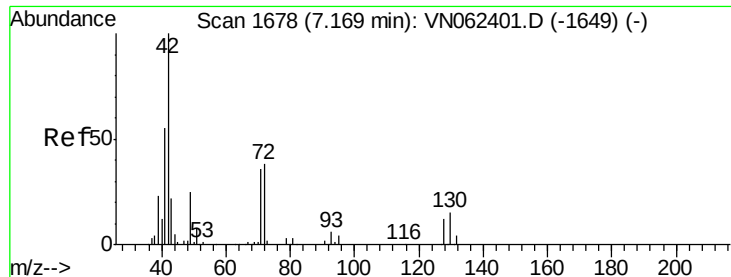
129 0.0 0.0 2.8

130 47.2 46.5 69.7



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

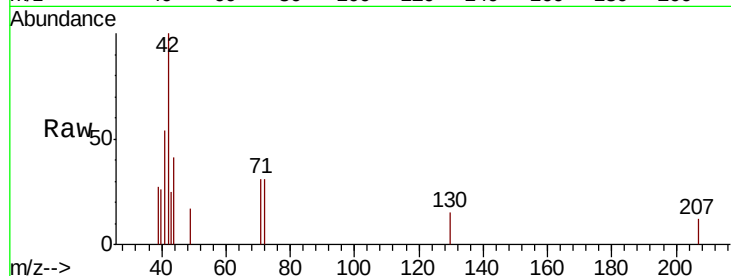




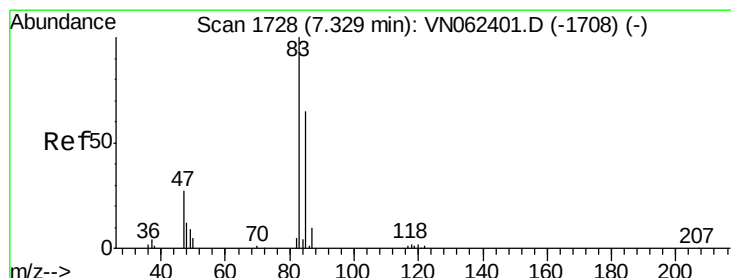
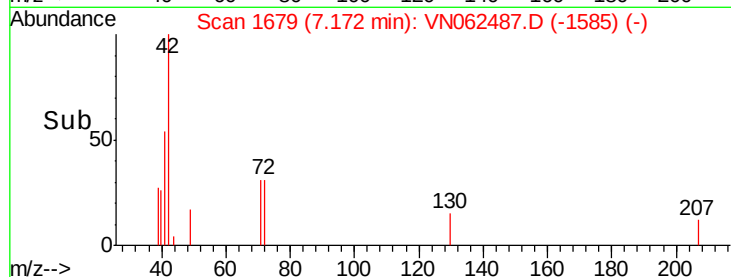
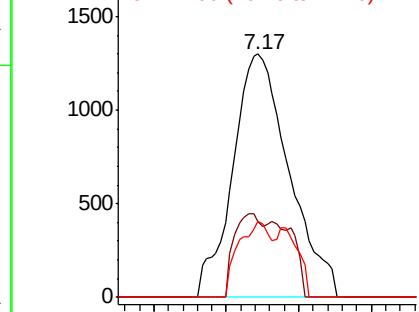
#29
Tetrahydrofuran
Concen: 2.820 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 3515
Ion Ratio Lower Upper
42 100
72 16.8 29.1 43.7#
71 17.4 28.1 42.1#

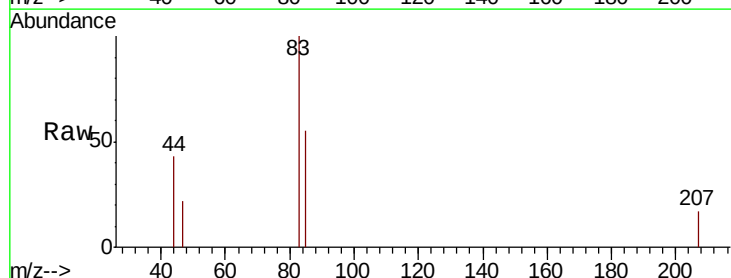


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

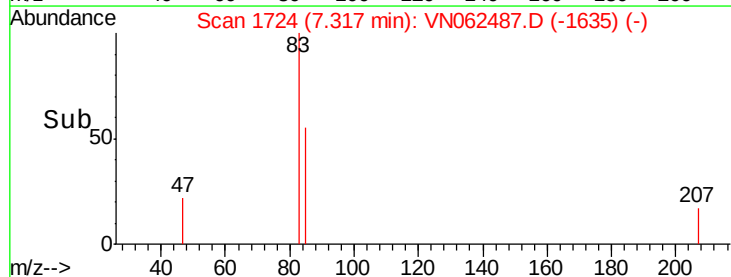
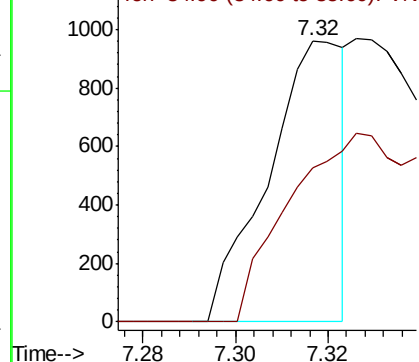


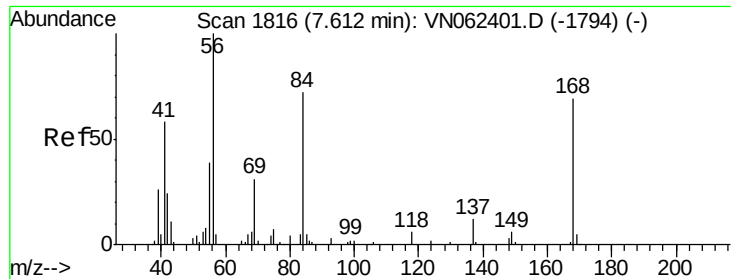
#30
Chloroform
Concen: 0.255 ug/l
RT: 7.32 min Scan# 1724
Delta R.T. -0.01 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion: 83 Resp: 1100
Ion Ratio Lower Upper
83 100
85 55.0 51.8 77.6



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

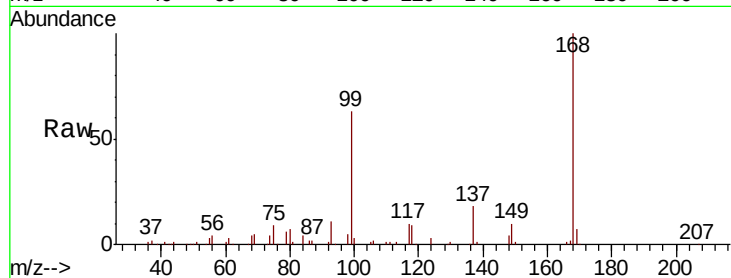




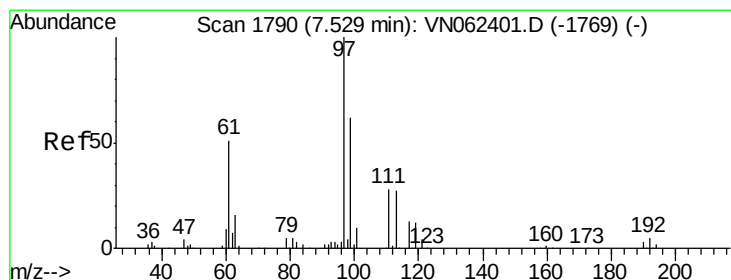
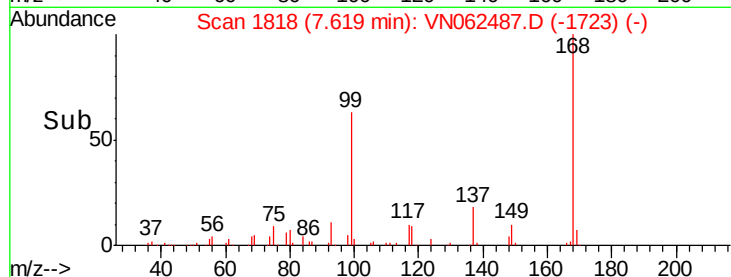
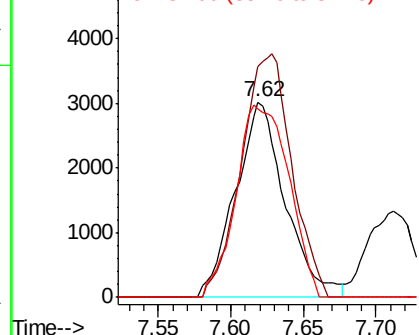
#31
Cyclohexane
Concen: 1.592 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 7221
Ion Ratio Lower Upper
56 100
69 118.1 24.5 36.7#
84 96.3 57.4 86.2#

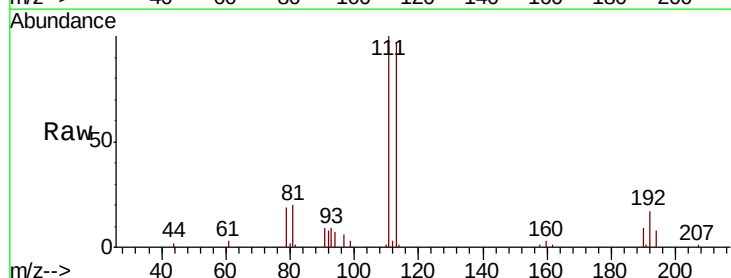


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

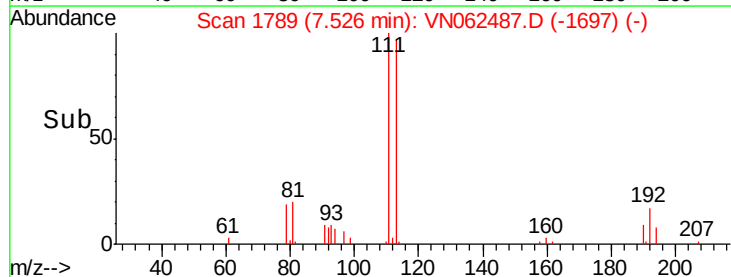
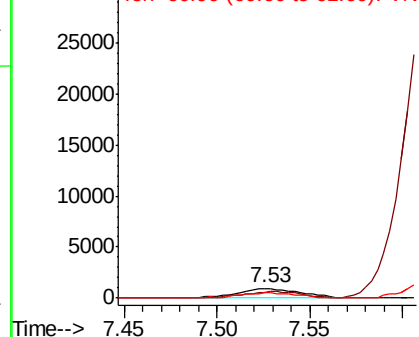


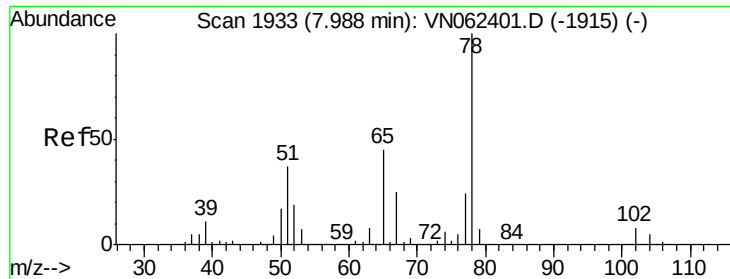
#32
1,1,1-Trichloroethane
Concen: 0.621 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion: 97 Resp: 2230
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 45.1 39.9 59.9



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

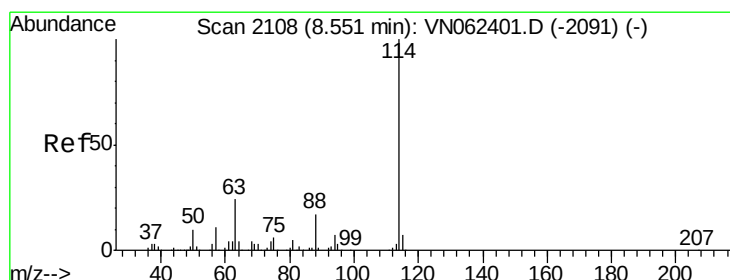
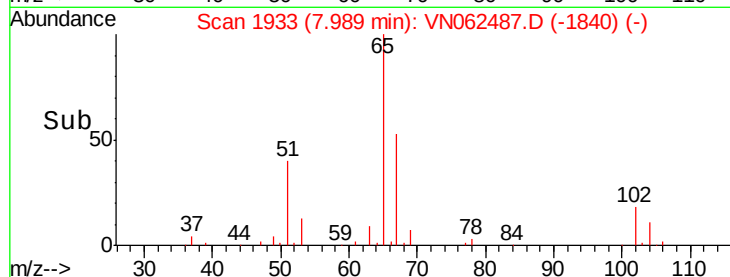
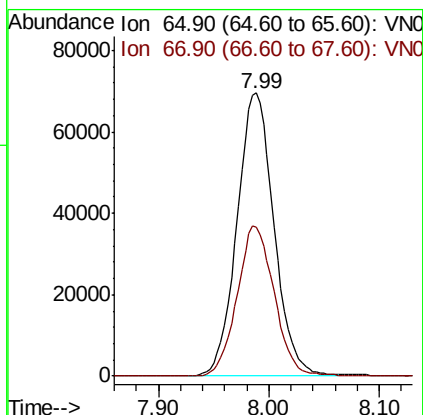
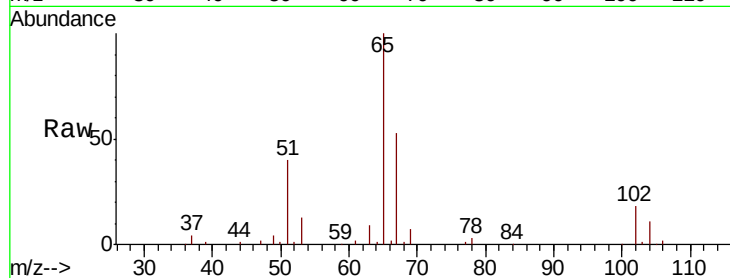




#33
 1,2-Dichloroethane-d4
 Concen: 54.066 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

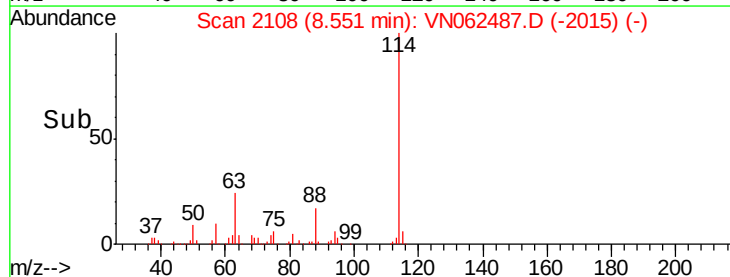
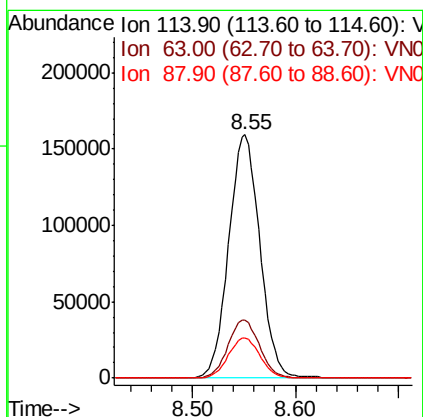
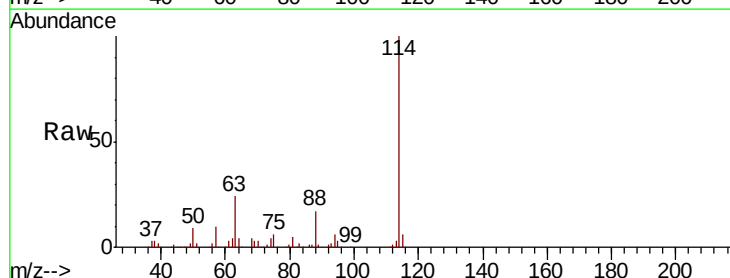
Instrument :
 MSVOA_N
 ClientSampleId :

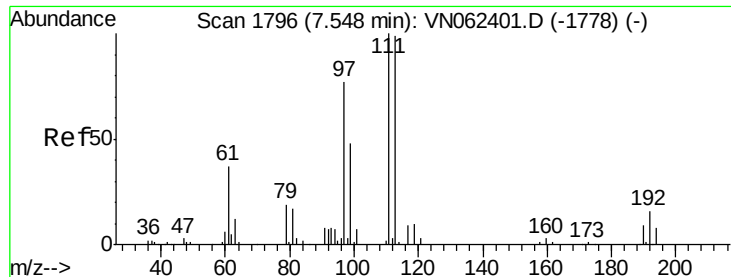
Tot Ion: 65 Resp: 161445
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion: 114 Resp: 335637
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 48.4
 88 16.6 0.0 33.8

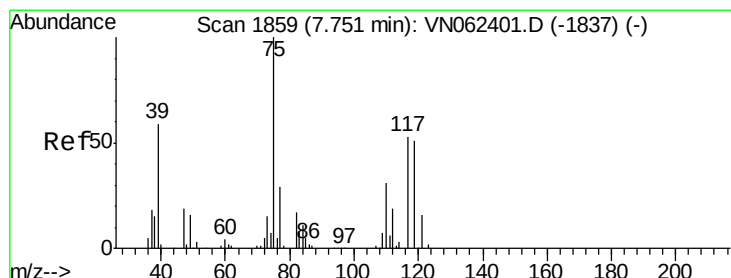
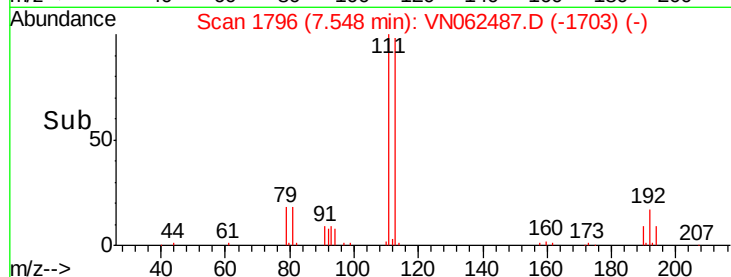
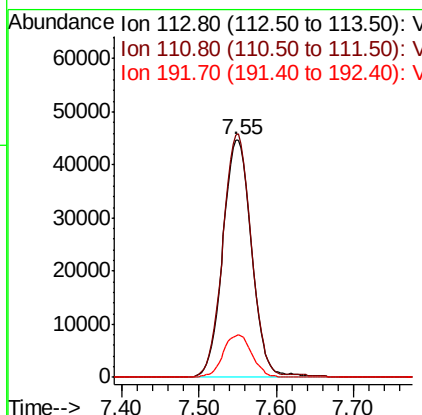
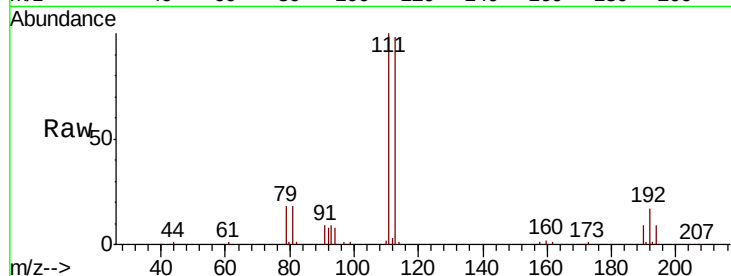




#35
 Dibromofluoromethane
 Concen: 55.779 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

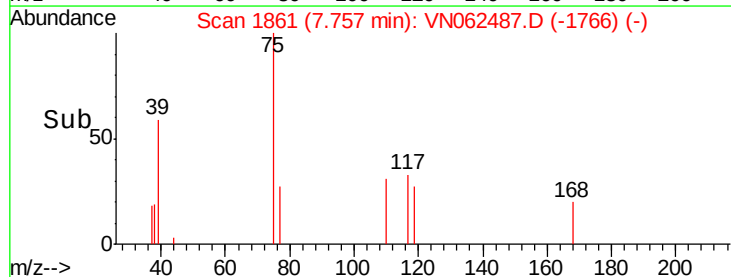
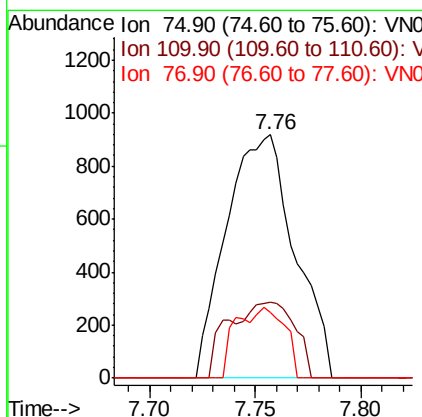
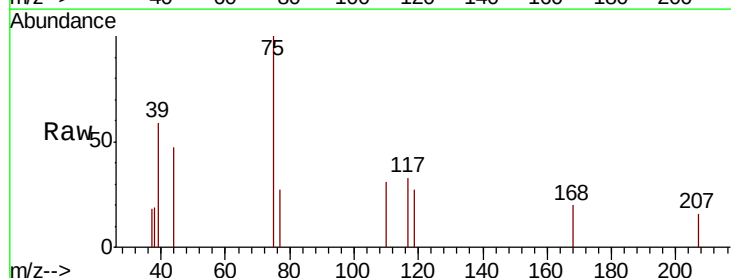
Instrument :
 MSVOA_N
 ClientSampled :

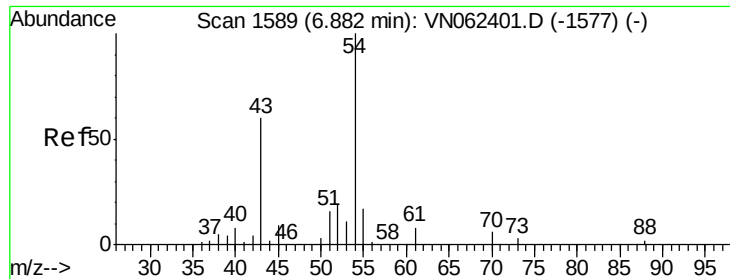
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.1	124.7
192	17.8	14.1	21.1



#36
 1,1-Dichloropropene
 Concen: 0.610 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.1	15.4	46.2
77	20.6	24.1	36.1#

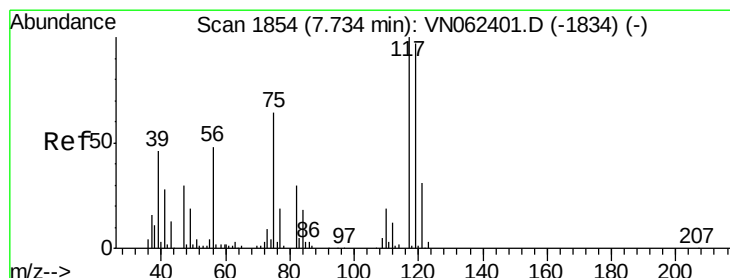
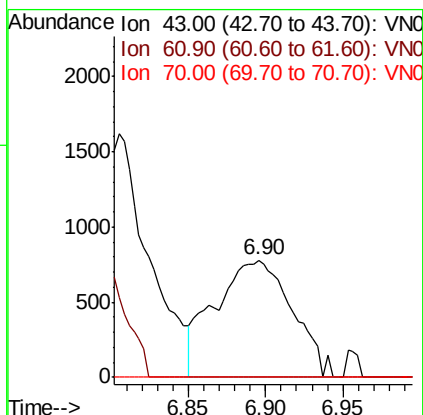
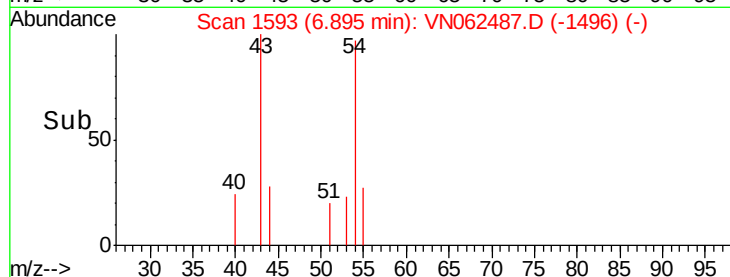
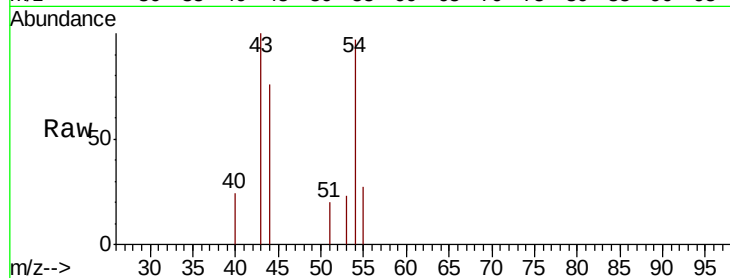




#37
Ethyl Acetate
Concen: 0.686 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.01 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

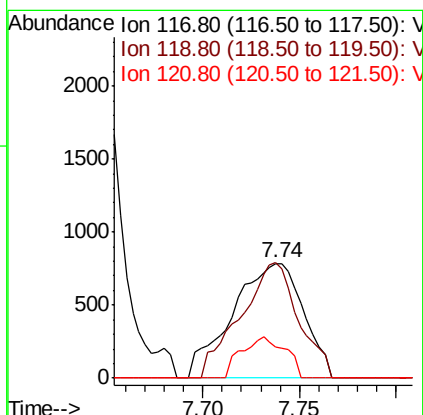
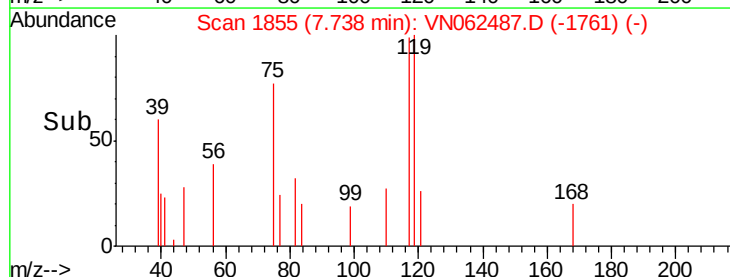
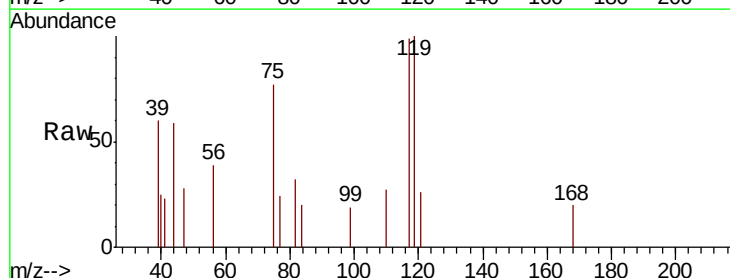
Instrument :
MSVOA_N
ClientSampled :

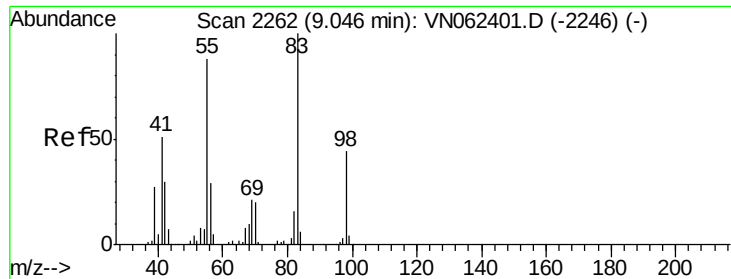
Tot Ion: 43 Resp: 2712
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 0.661 ug/l
RT: 7.74 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion: 117 Resp: 2009
Ion Ratio Lower Upper
117 100
119 101.3 77.2 115.8
121 26.6 24.8 37.2

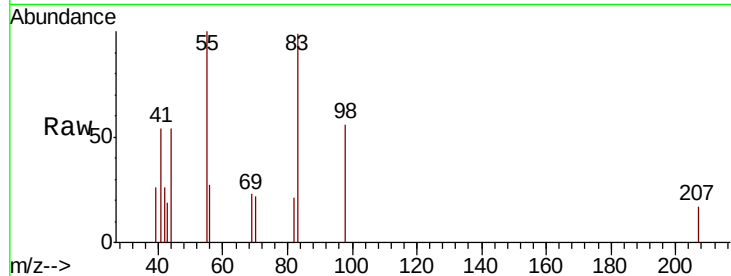




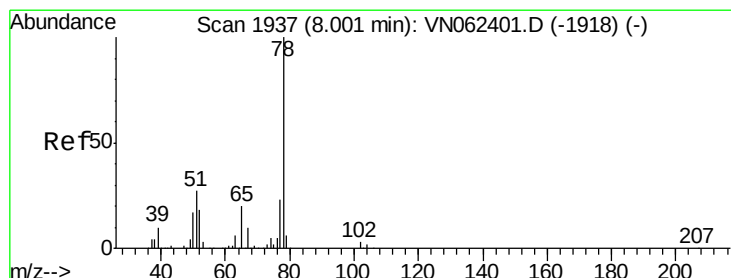
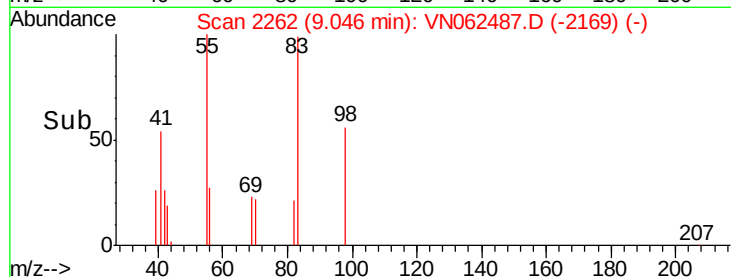
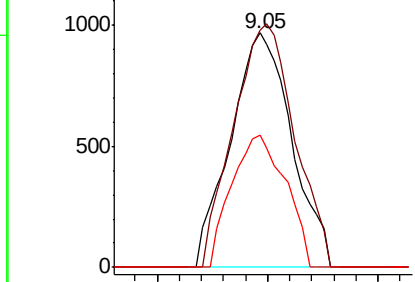
#39
Methylvlcyclohexane
Concen: 0.517 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 1866
Ion Ratio Lower Upper
83 100
55 101.2 70.5 105.7
98 56.4 35.5 53.3#

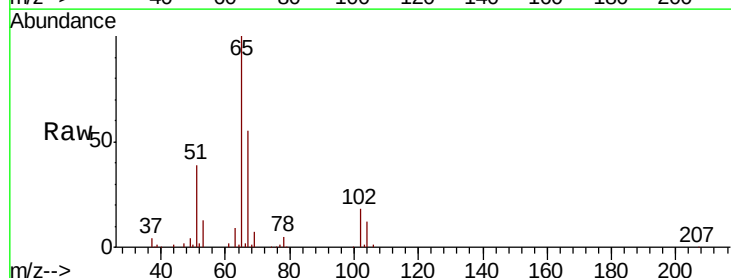


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

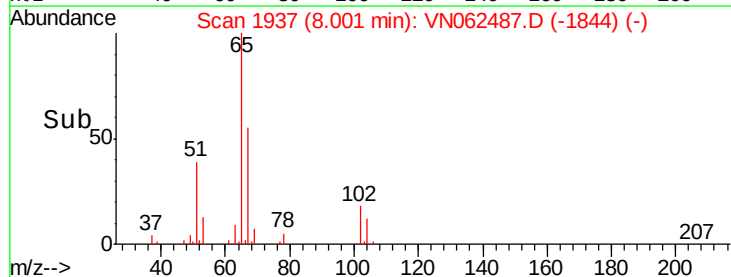
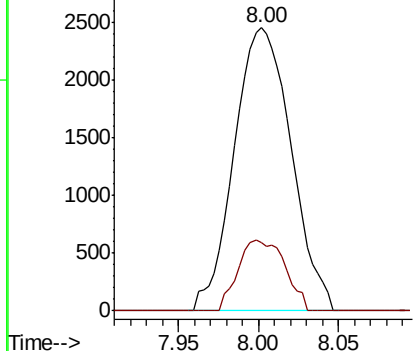


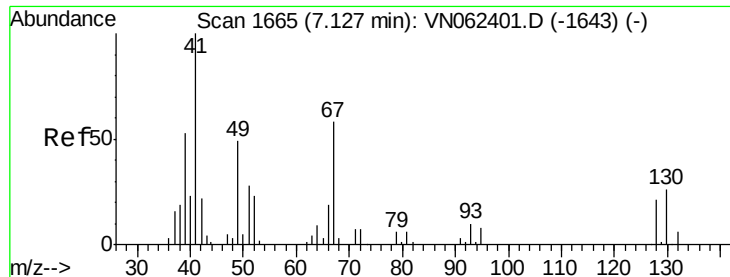
#40
Benzene
Concen: 0.600 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion: 78 Resp: 5983
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1



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

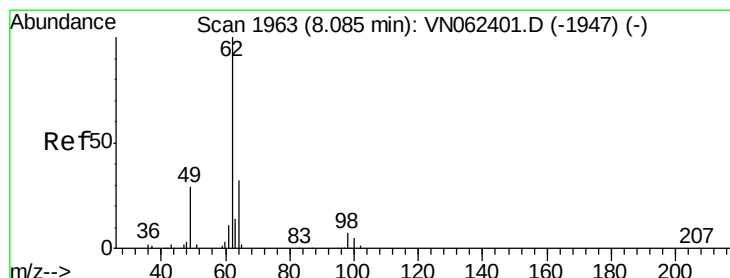
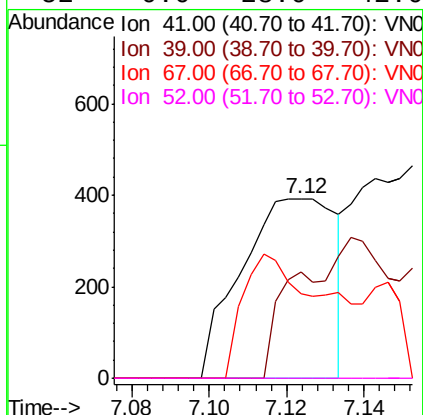
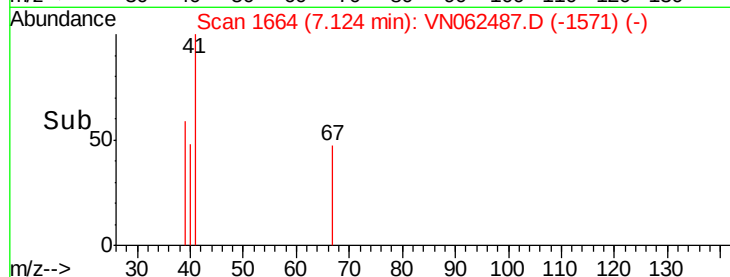
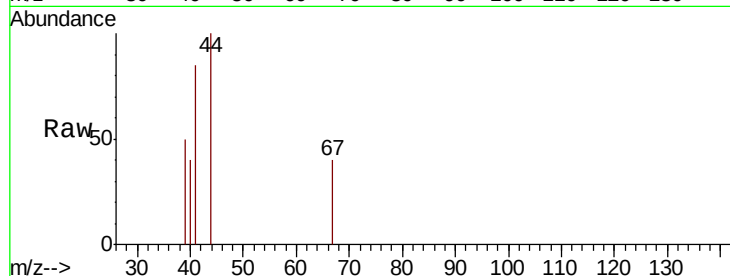




#41
Methacrylonitrile
Concen: 0.403 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

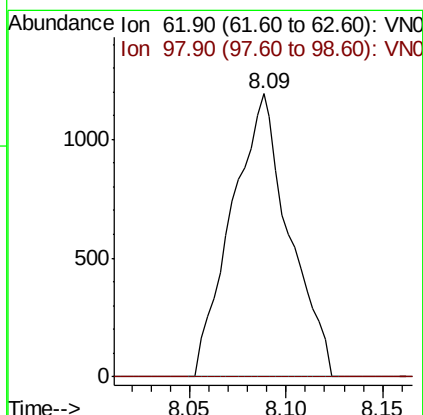
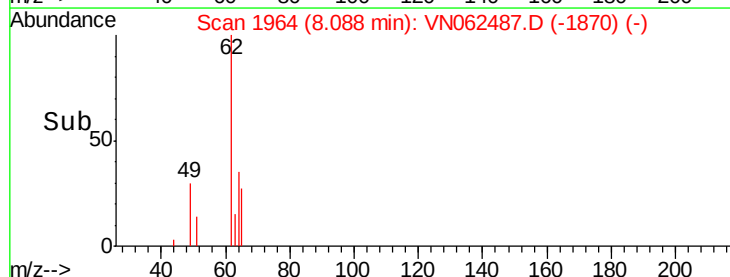
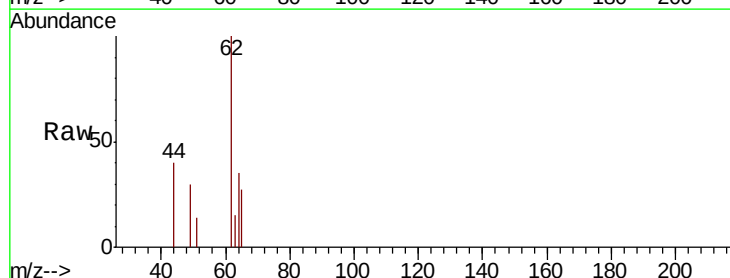
Instrument :
MSVOA_N
ClientSampled :

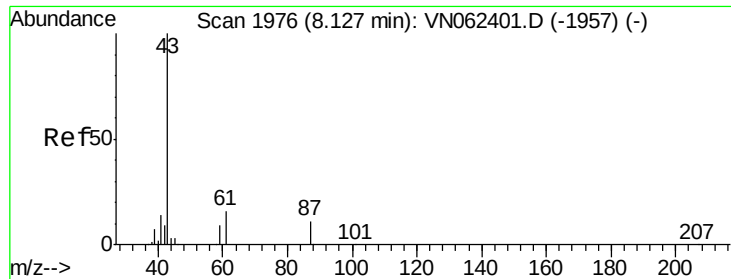
Tot Ion: 41 Resp: 665
Ion Ratio Lower Upper
41 100
39 23.9 50.2 75.2#
67 58.5 64.2 96.2#
52 0.0 28.0 42.0#



#42
1,2-Dichloroethane
Concen: 0.676 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion: 62 Resp: 2466
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 0.504 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

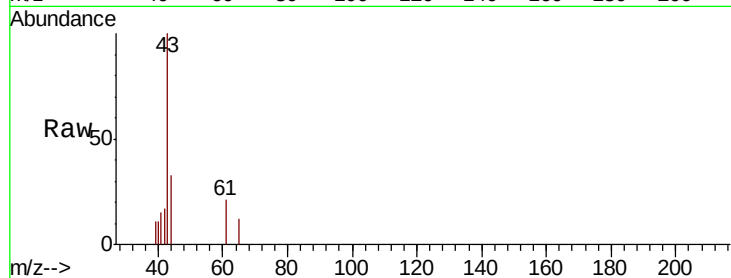
Tot Ion: 43 Resp: 3145

Ion Ratio Lower Upper

43 100

61 17.7 19.3 28.9#

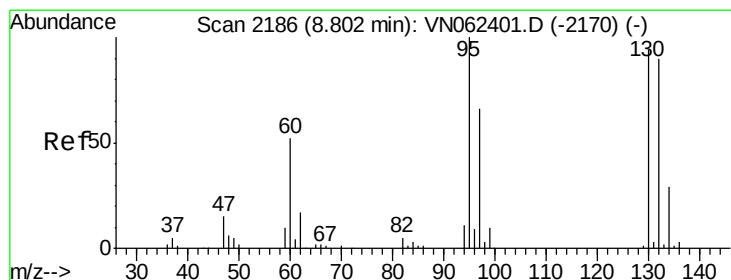
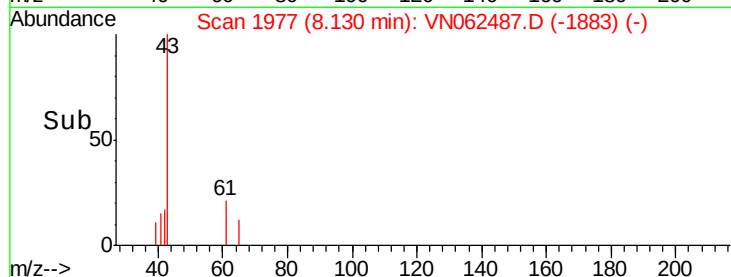
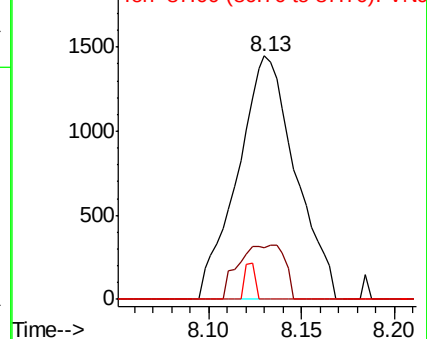
87 2.6 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#44

Trichloroethene

Concen: 0.521 ug/l

RT: 8.81 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VN062487.D

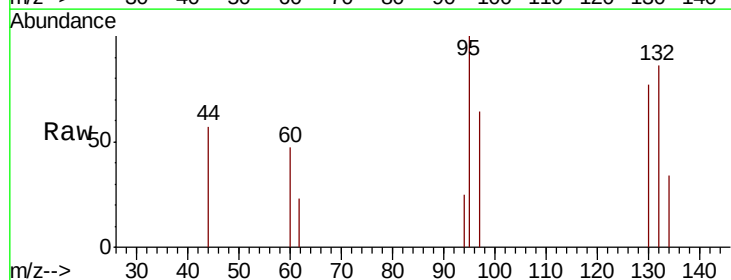
Acq: 10 Jul 2020 12:42

Tgt Ion: 130 Resp: 1153

Ion Ratio Lower Upper

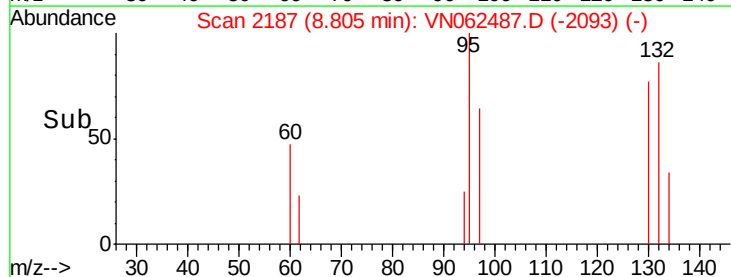
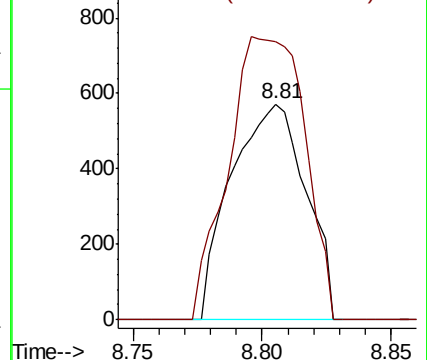
130 100

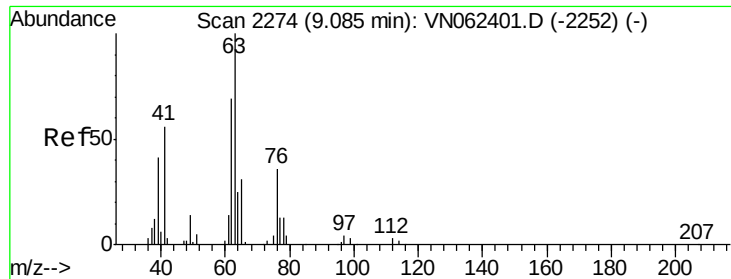
95 129.2 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 0.522 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

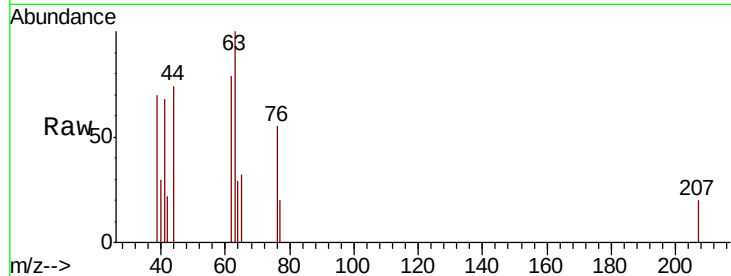
ClientSampled :

Tot Ion: 63 Resp: 1509

Ion Ratio Lower Upper

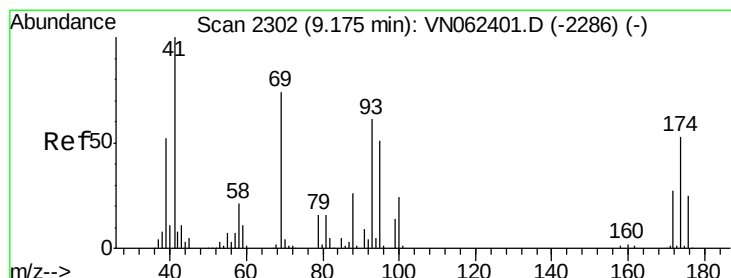
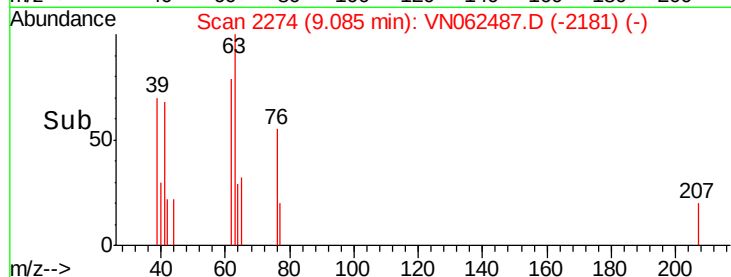
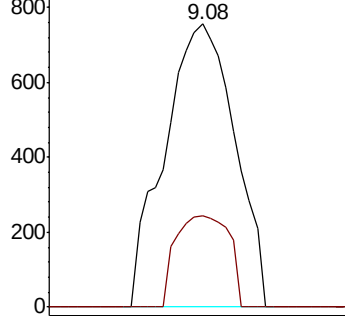
63 100

65 32.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 0.461 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

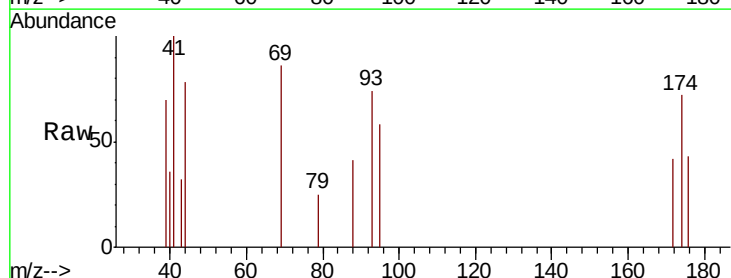
Tgt Ion: 93 Resp: 753

Ion Ratio Lower Upper

93 100

95 85.3 67.1 100.7

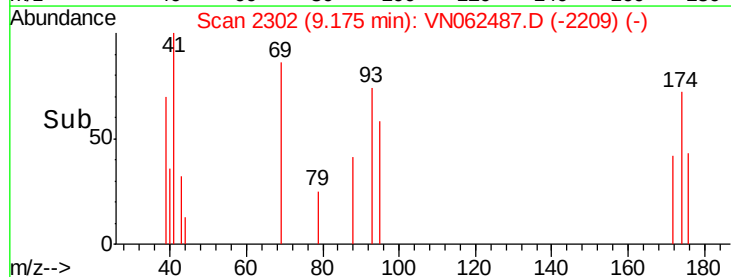
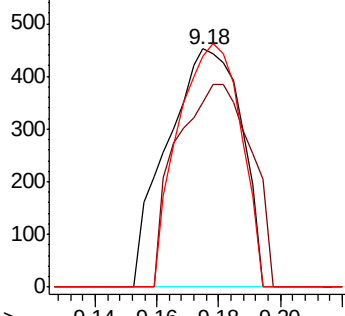
174 86.5 70.4 105.6

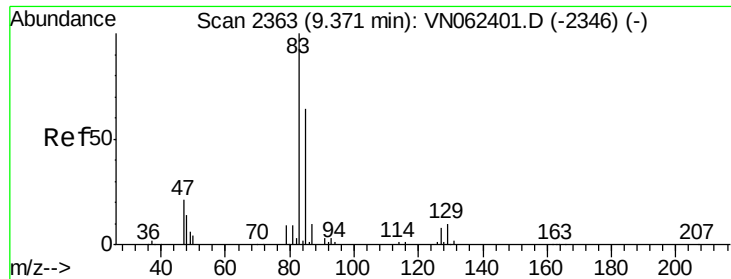


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.597 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

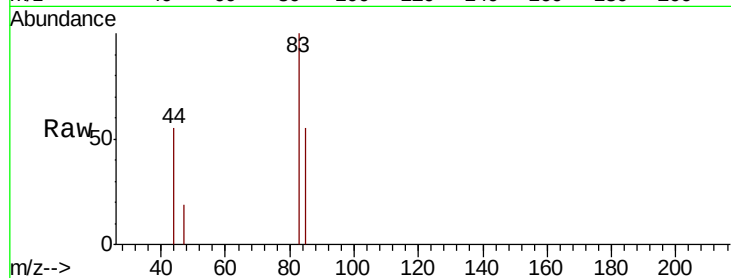
Tot Ion: 83 Resp: 2085

Ion Ratio Lower Upper

83 100

85 55.3 51.2 76.8

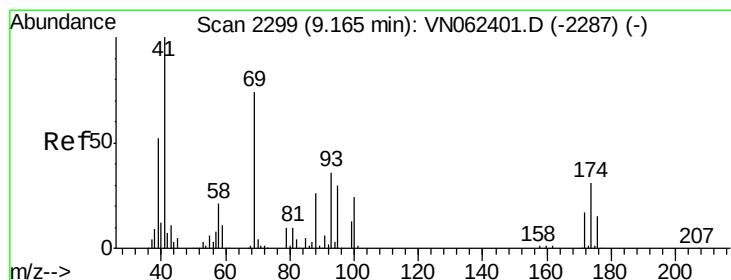
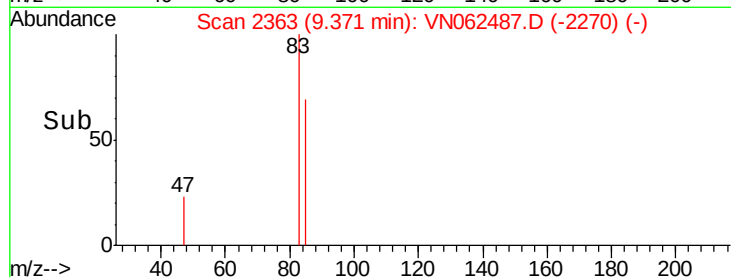
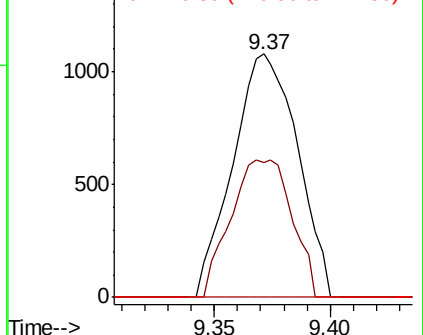
127 0.0 6.2 9.2#



Abundance Ion 82.90 (82.60 to 83.60): VN062487.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062487.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062487.D (-2270) (-)



#48

Methyl methacrylate

Concen: 0.447 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

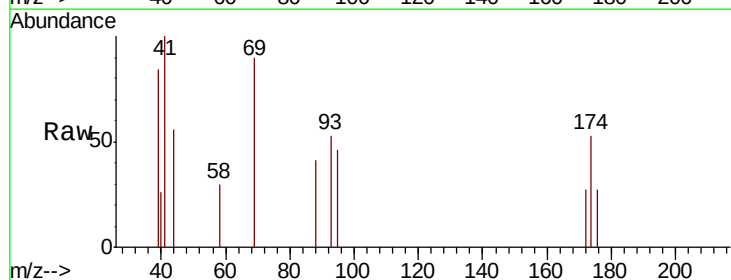
Tgt Ion: 41 Resp: 1369

Ion Ratio Lower Upper

41 100

69 85.4 60.8 91.2

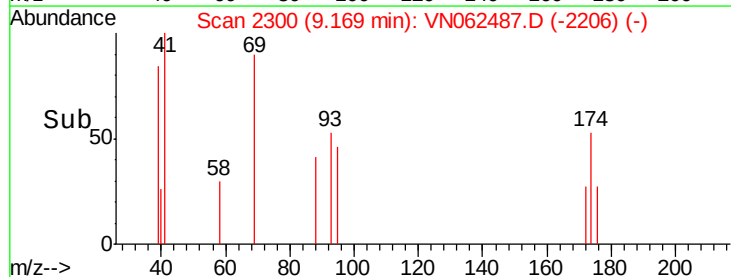
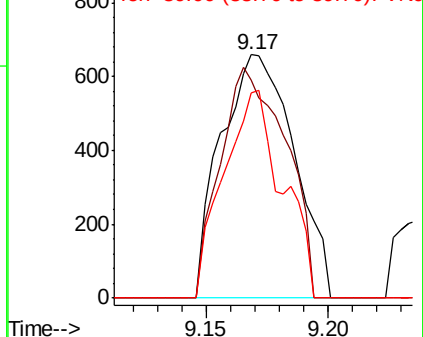
39 68.9 43.5 65.3#

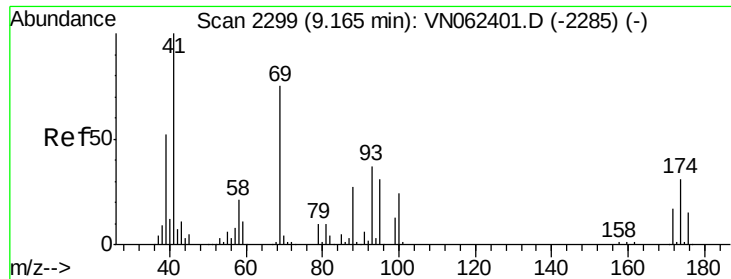


Abundance Ion 41.00 (40.70 to 41.70): VN062487.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062487.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062487.D (-2206) (-)

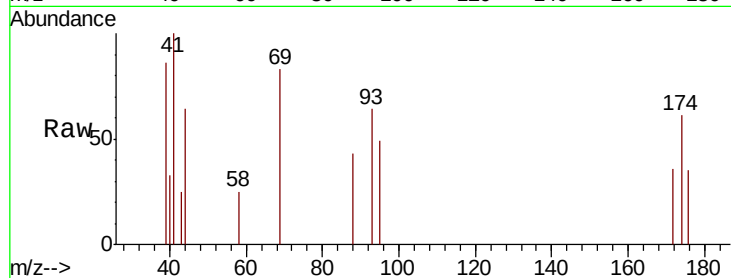




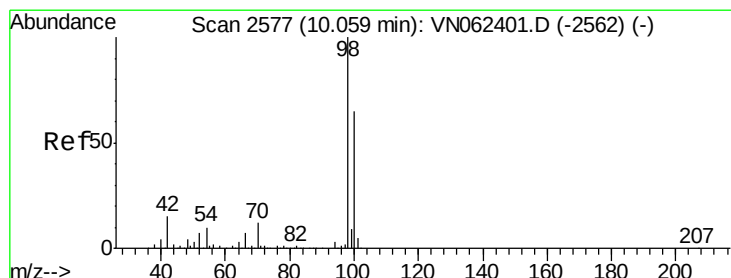
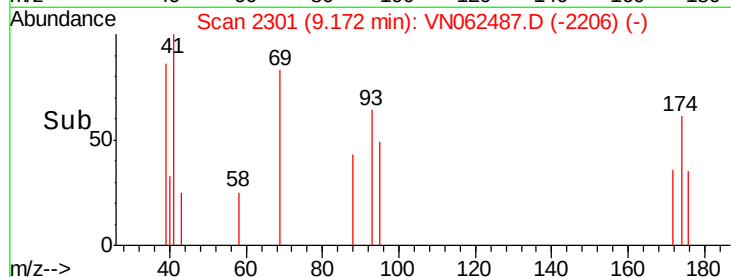
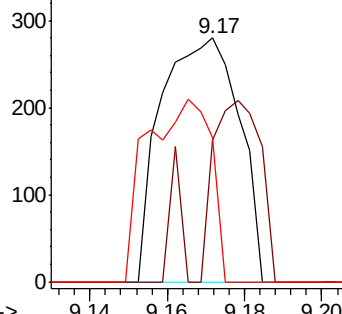
#49
1,4-Dioxane
Concen: 8.812 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 393
Ion Ratio Lower Upper
88 100
43 45.0 31.0 46.4
58 61.6 63.3 94.9#

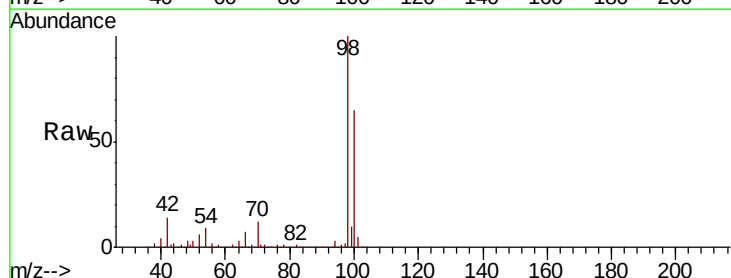


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

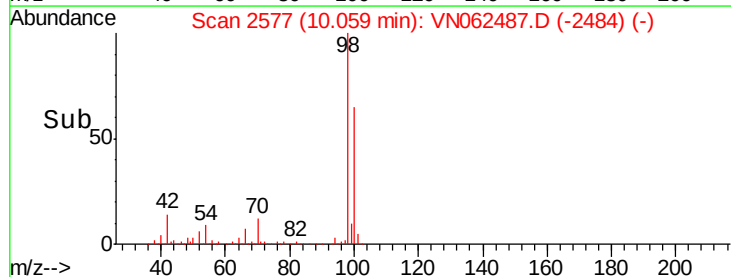
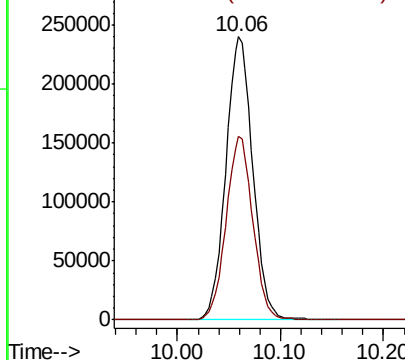


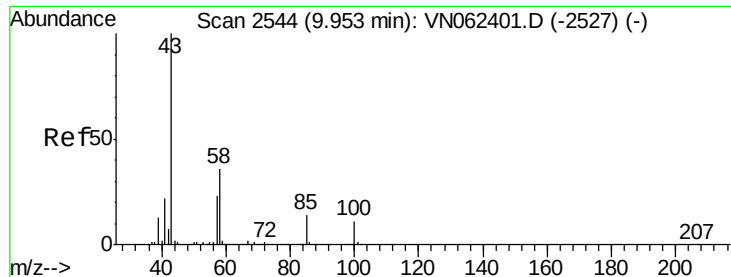
#50
Toluene-d8
Concen: 53.293 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion: 98 Resp: 436486
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



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

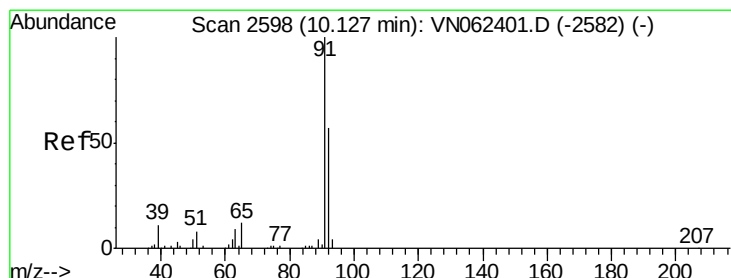
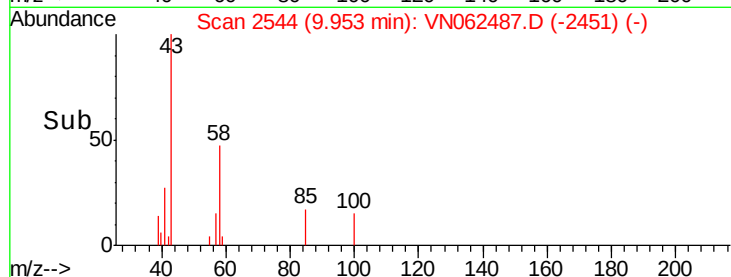
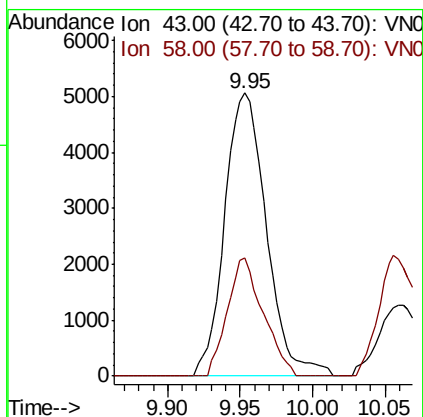
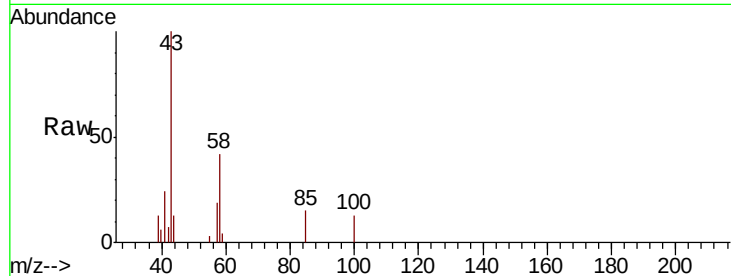




#51
 4-Methyl-2-Pentanone
 Concen: 2.716 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

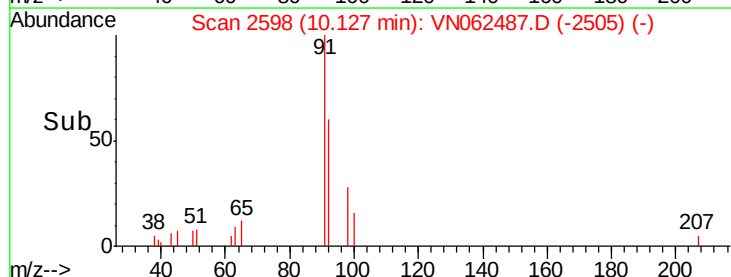
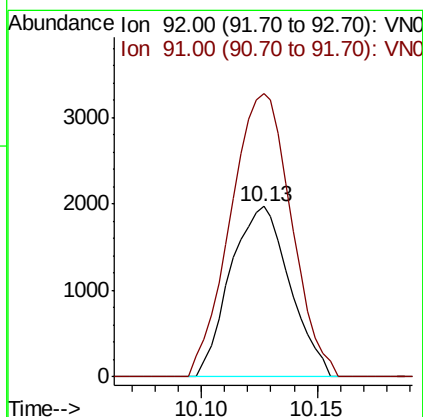
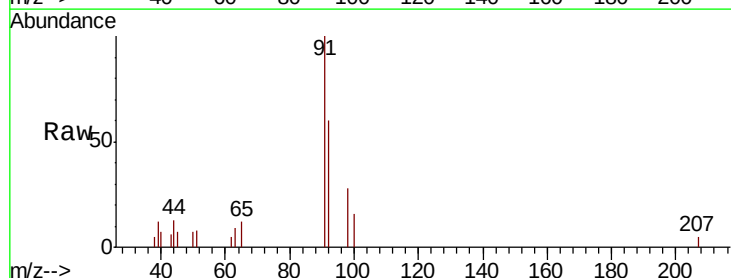
Instrument :
 MSVOA_N
 ClientSampled :

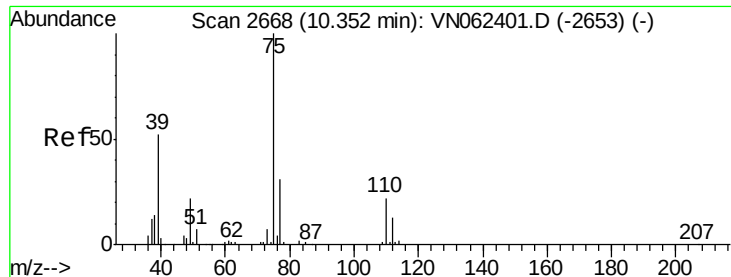
Tot Ion: 43 Resp: 10132
 Ion Ratio Lower Upper
 43 100
 58 35.7 29.0 43.6



#52
 Toluene
 Concen: 0.609 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion: 92 Resp: 3505
 Ion Ratio Lower Upper
 92 100
 91 170.2 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 0.460 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

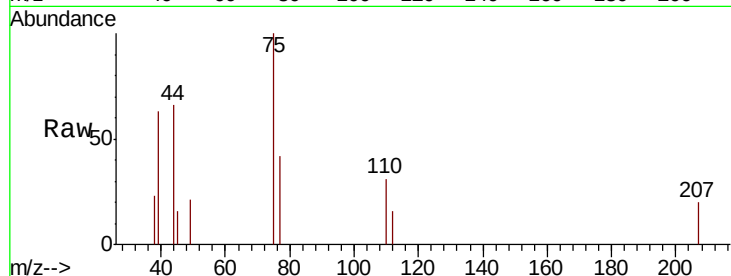
ClientSampleId :

Tot Ion: 75 Resp: 1798

Ion Ratio Lower Upper

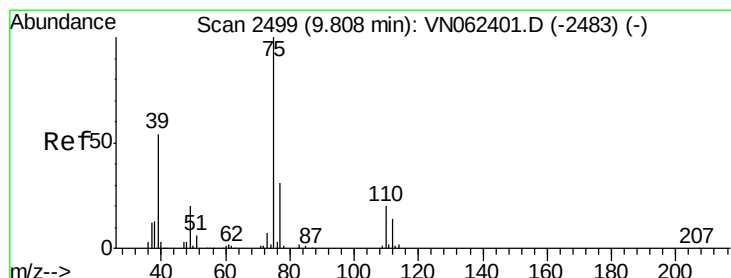
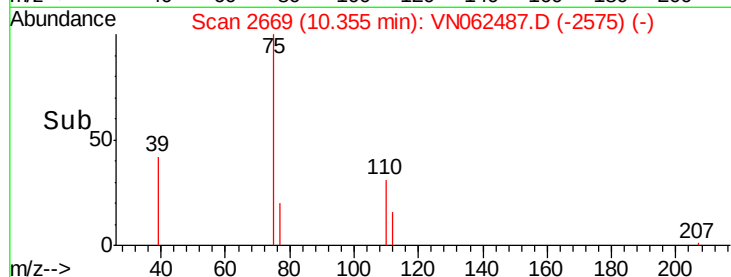
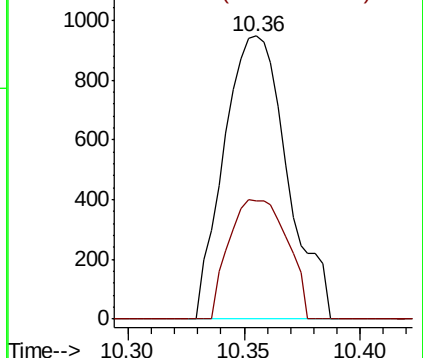
75 100

77 41.9 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.522 ug/l

RT: 9.81 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

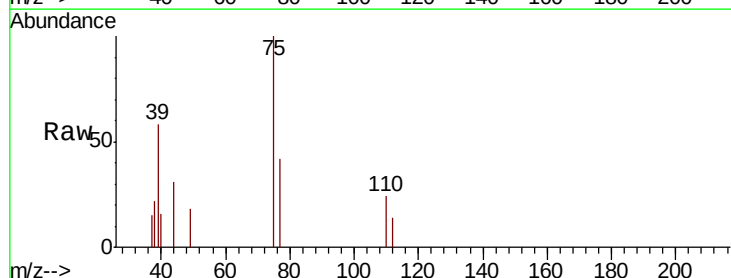
Tgt Ion: 75 Resp: 2253

Ion Ratio Lower Upper

75 100

77 41.8 24.5 36.7#

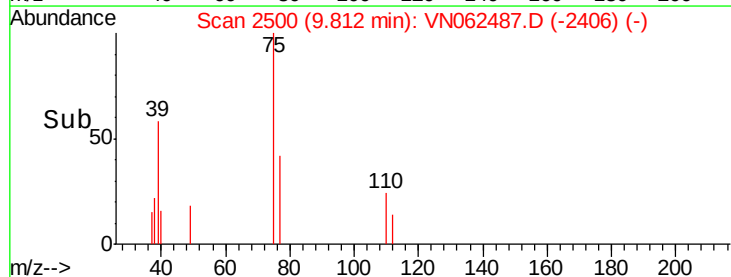
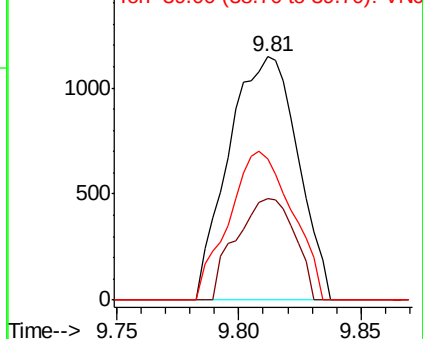
39 58.2 43.4 65.0

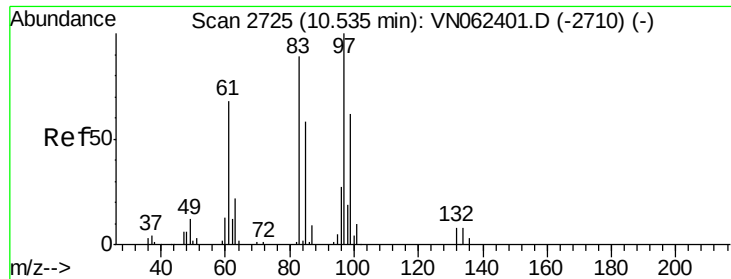


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

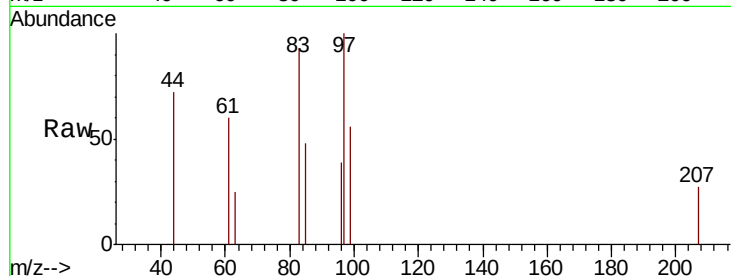




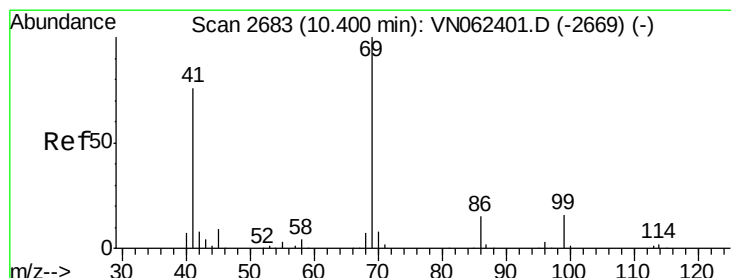
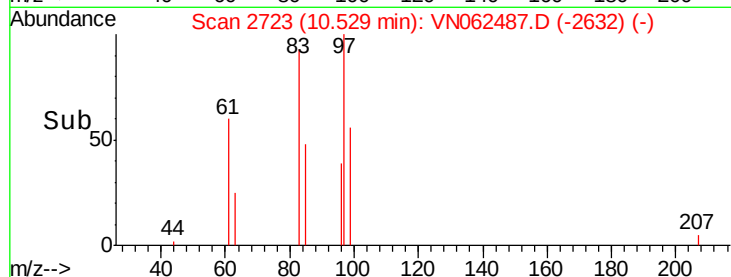
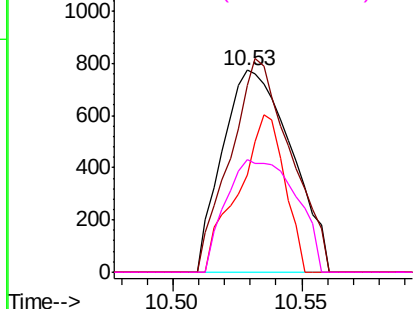
#55
 1,1,2-Trichloroethane
 Concen: 0.636 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.01 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 1440
 Ion Ratio Lower Upper
 97 100
 83 92.9 71.0 106.4
 85 48.4 46.2 69.4
 99 55.6 49.7 74.5

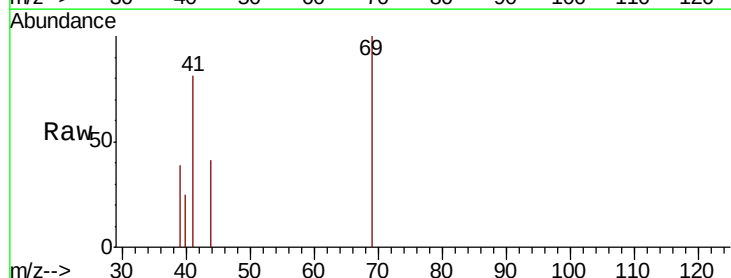


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

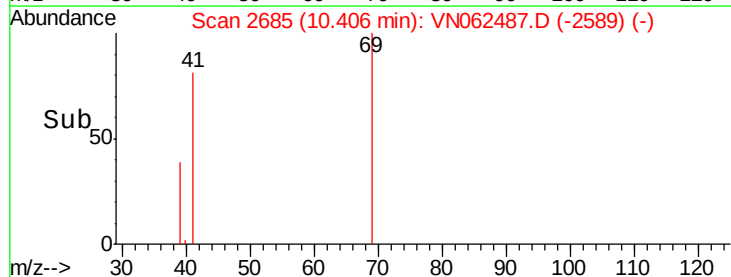
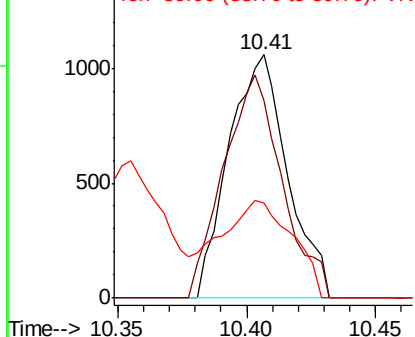


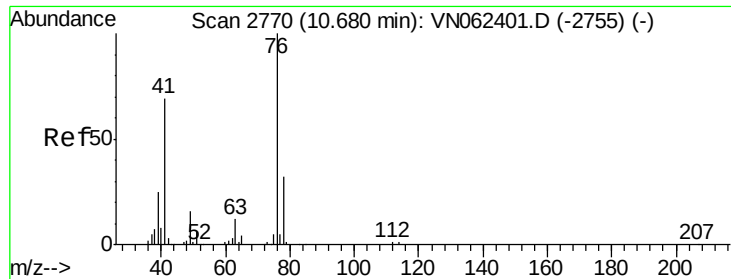
#56
 Ethyl methacrylate
 Concen: 0.443 ug/l
 RT: 10.41 min Scan# 2685
 Delta R.T. 0.01 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion: 69 Resp: 1676
 Ion Ratio Lower Upper
 69 100
 41 91.2 59.7 89.5#
 39 48.3 30.6 45.8#



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

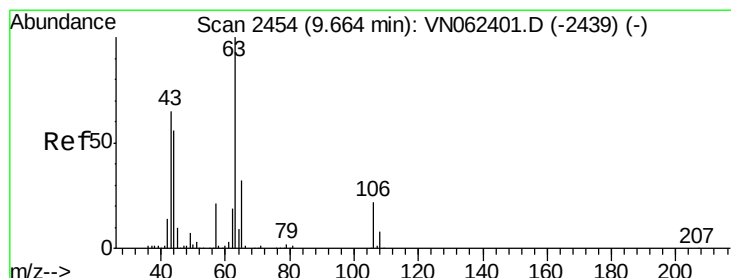
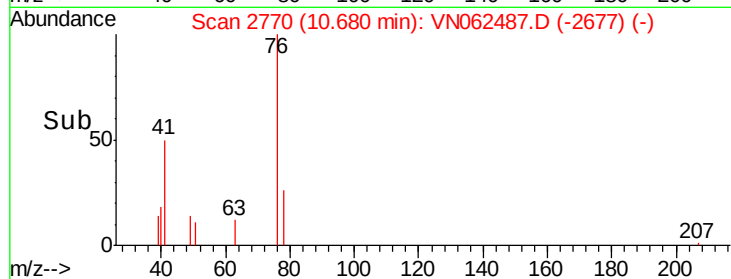
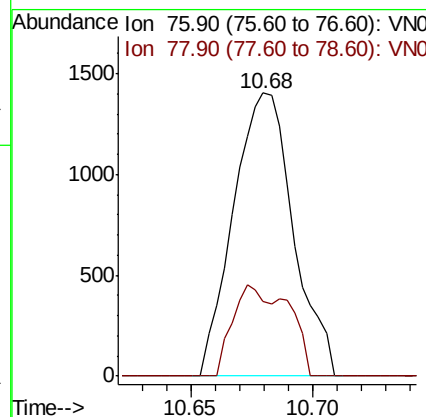
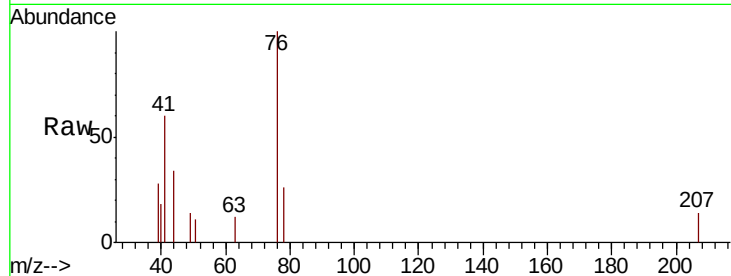




#57
 1,3-Dichloropropane
 Concen: 0.572 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

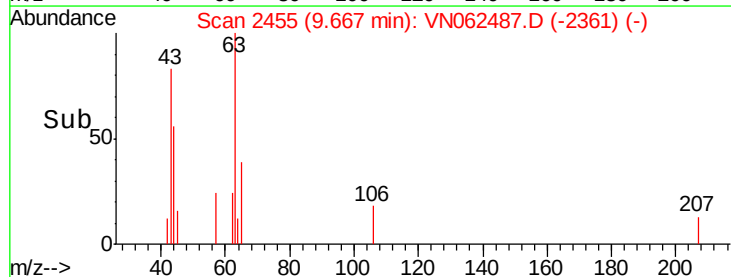
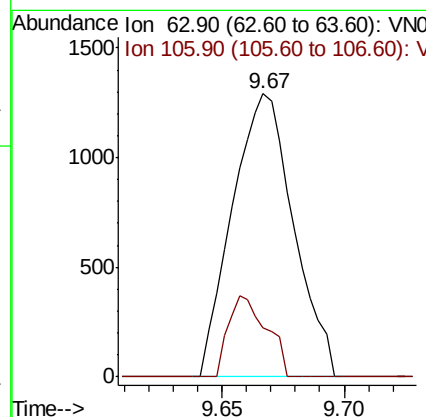
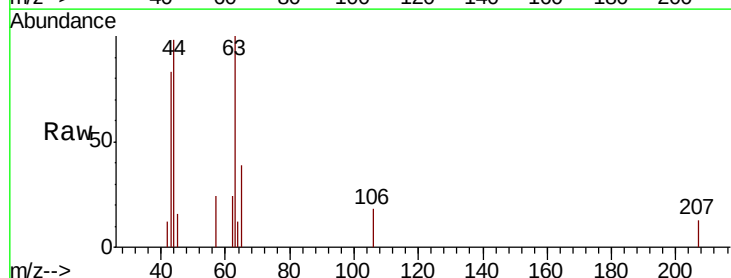
Instrument :
 MSVOA_N
 ClientSampled :

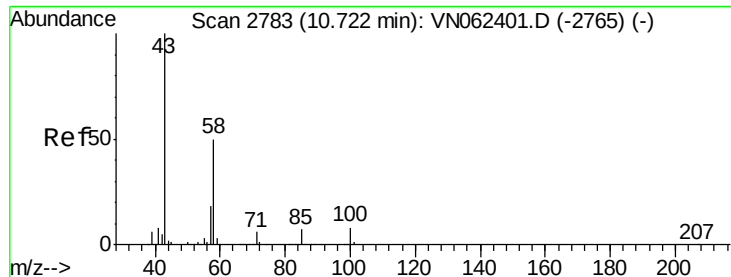
Tot Ion: 76 Resp: 2391
 Ion Ratio Lower Upper
 76 100
 78 30.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.670 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion: 63 Resp: 2243
 Ion Ratio Lower Upper
 63 100
 106 17.8 17.6 26.4

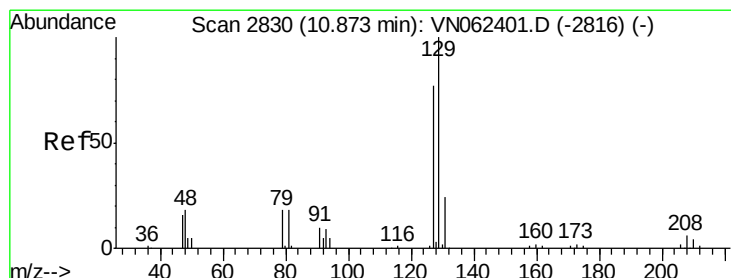
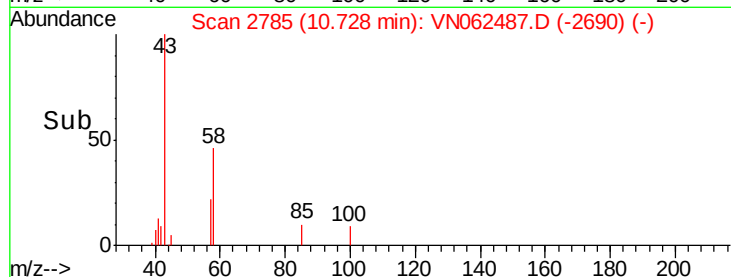
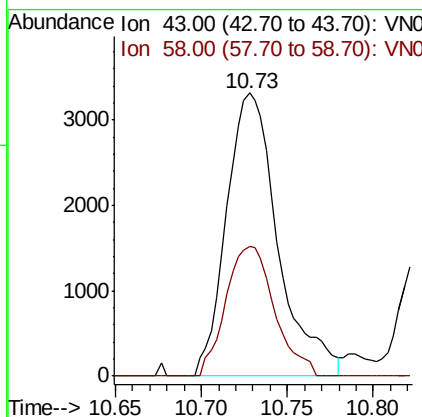
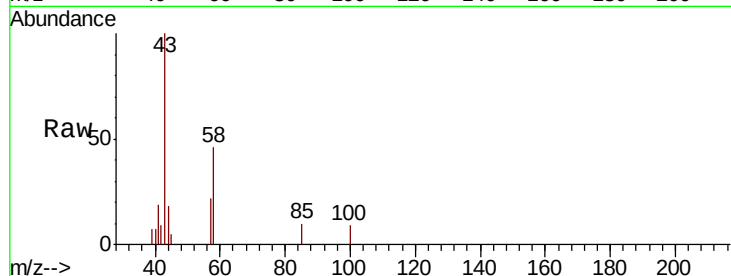




#59
2-Hexanone
Concen: 2.555 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

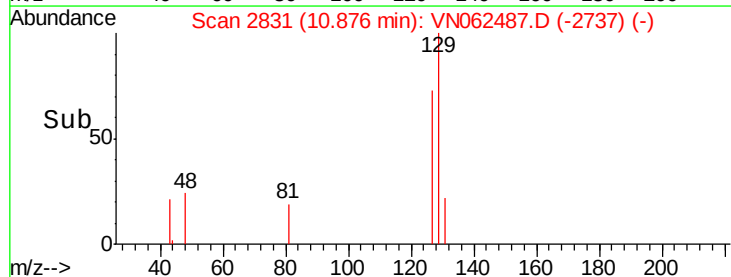
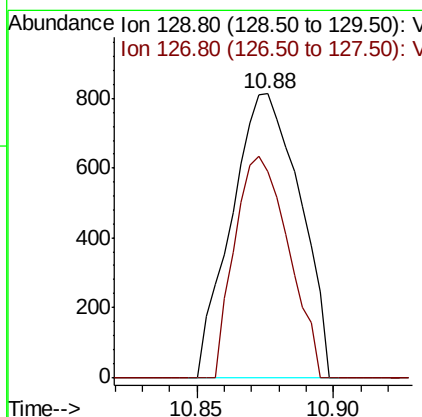
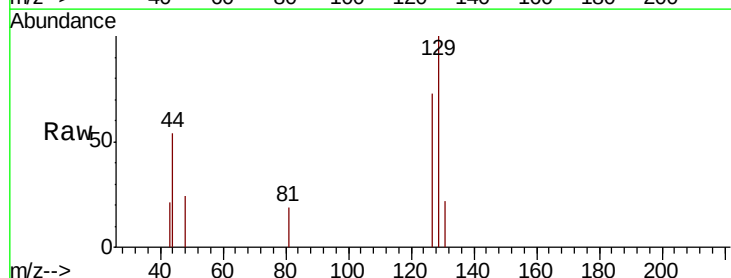
Instrument :
MSVOA_N
ClientSampleId :

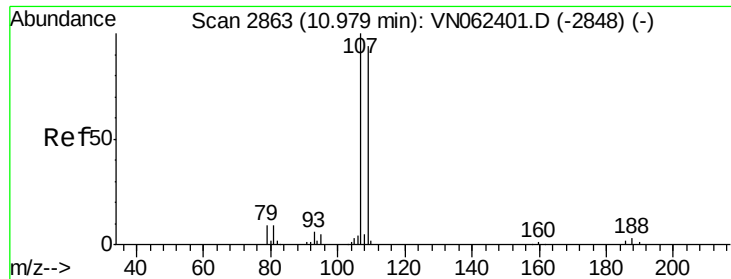
Tot Ion: 43.00 Resp: 6921
Ion Ratio Lower Upper
43 100
58 43.2 25.1 75.2



#60
Dibromochloromethane
Concen: 0.576 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion: 129 Resp: 1414
Ion Ratio Lower Upper
129 100
127 61.4 38.6 115.8

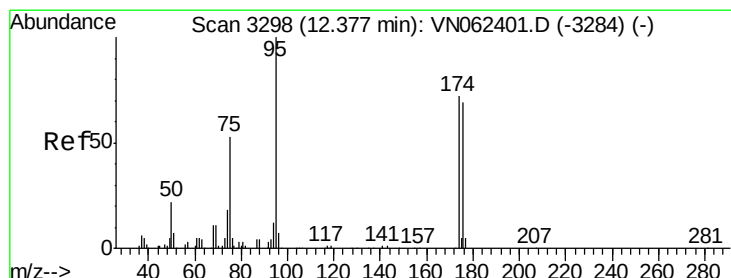
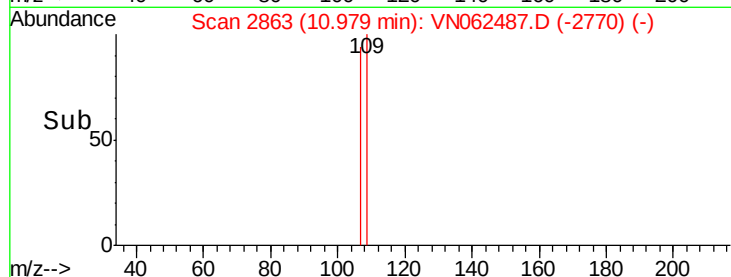
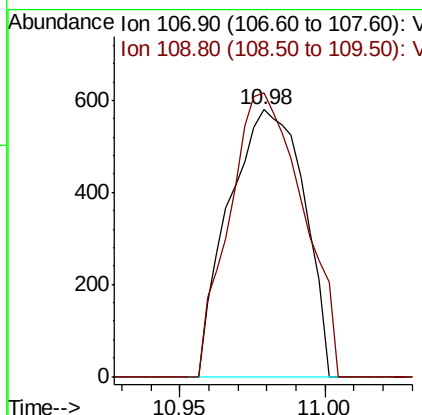
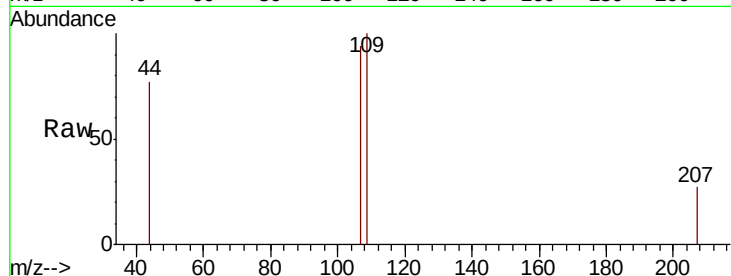




#61
 1,2-Dibromoethane
 Concen: 0.455 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

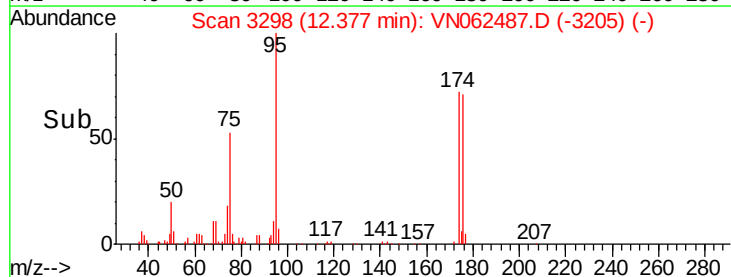
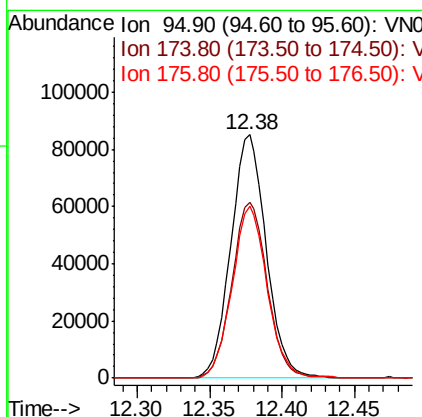
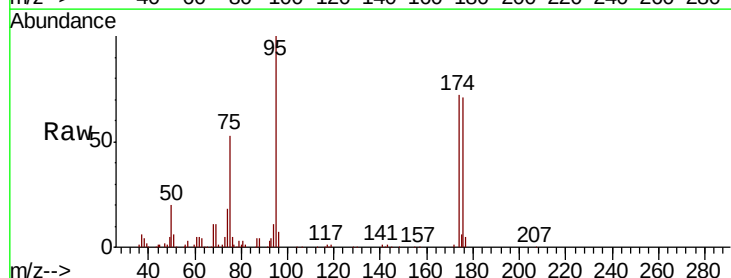
Instrument :
 MSVOA_N
 ClientSampleId :

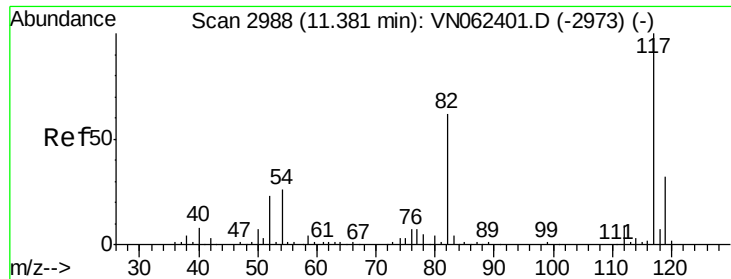
Tot Ion:107 Resp: 1041
 Ion Ratio Lower Upper
 107 100
 109 103.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.247 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion: 95 Resp: 144402
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 141.6
 176 69.9 0.0 137.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

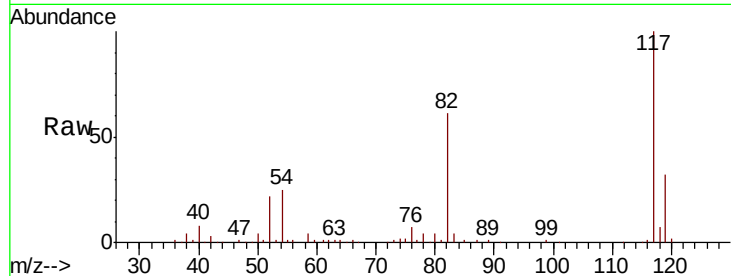
Tot Ion:117 Resp: 302748

Ion Ratio Lower Upper

117 100

82 61.0 49.6 74.4

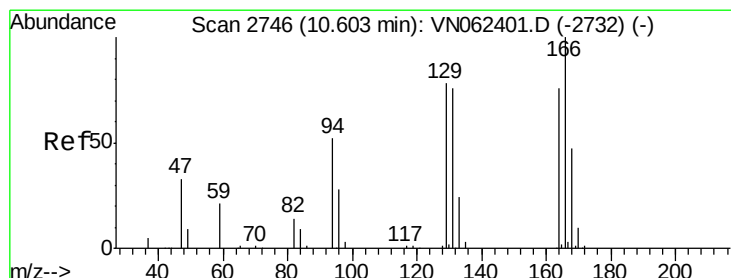
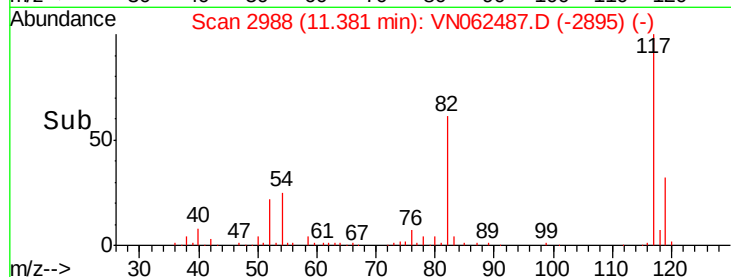
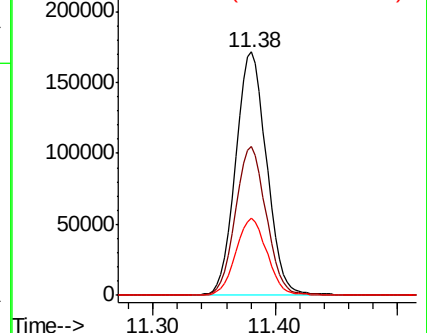
119 31.5 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.576 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Tgt Ion:164 Resp: 1034

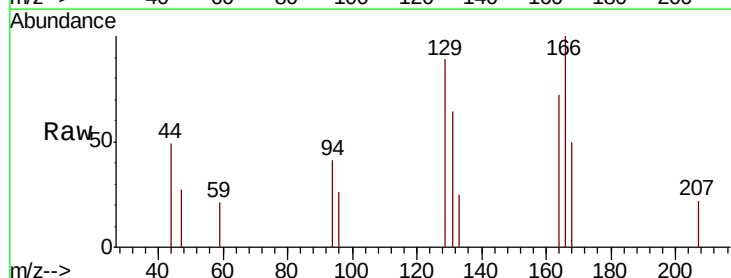
Ion Ratio Lower Upper

164 100

166 139.0 104.9 157.3

129 123.0 81.8 122.6#

131 88.9 79.3 118.9

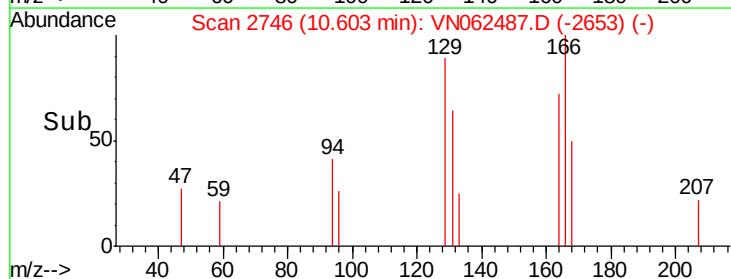
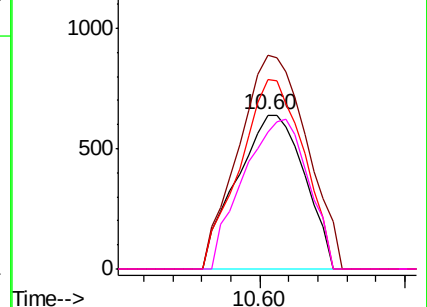


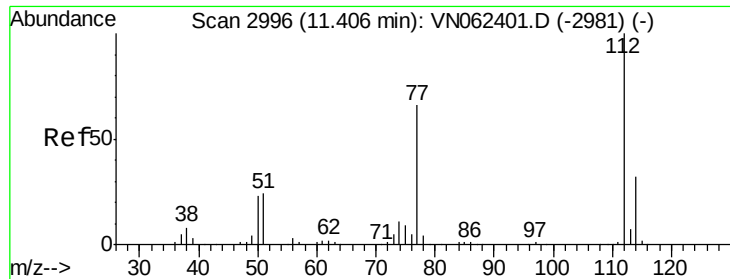
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

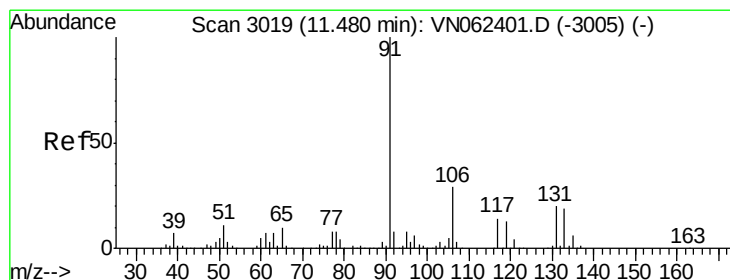
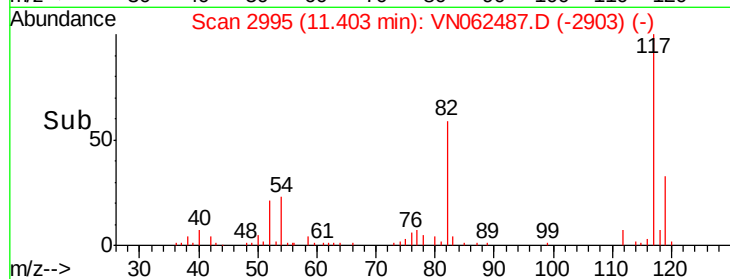
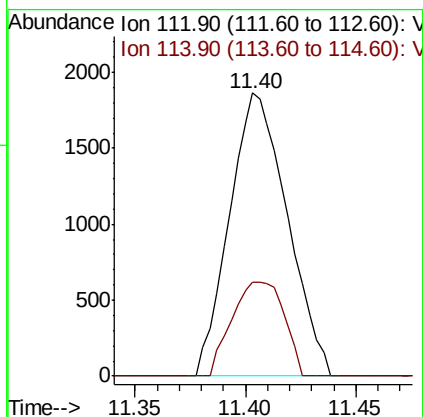
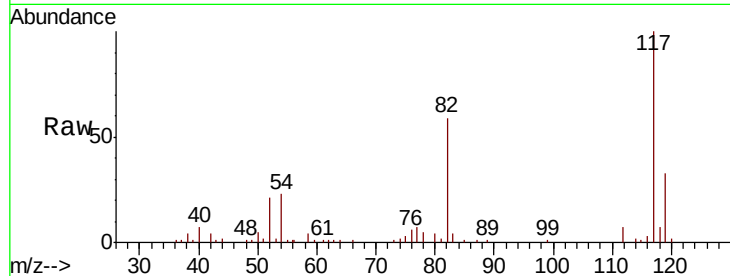




#65
Chlorobenzene
Concen: 0.576 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

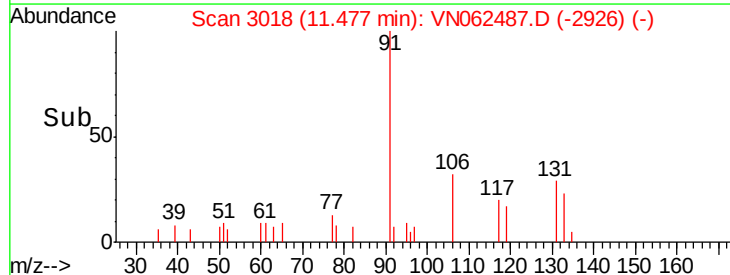
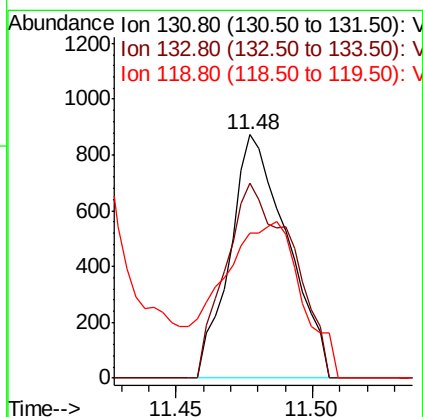
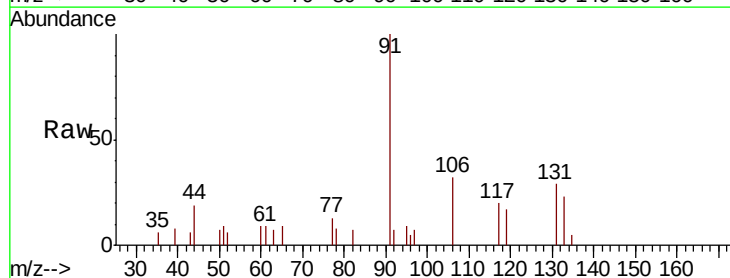
Instrument :
MSVOA_N
ClientSampled :

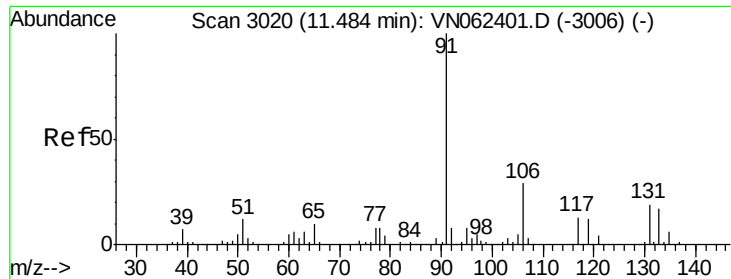
Tot Ion:112 Resp: 3388
Ion Ratio Lower Upper
112 100
114 33.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.589 ug/l
RT: 11.48 min Scan# 3018
Delta R.T. -0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion:131 Resp: 1279
Ion Ratio Lower Upper
131 100
133 93.3 46.9 140.8
119 0.0 33.2 99.6#

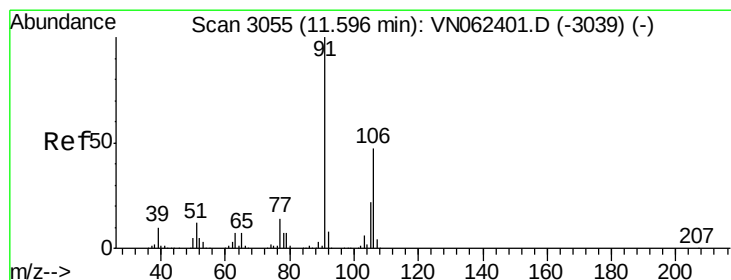
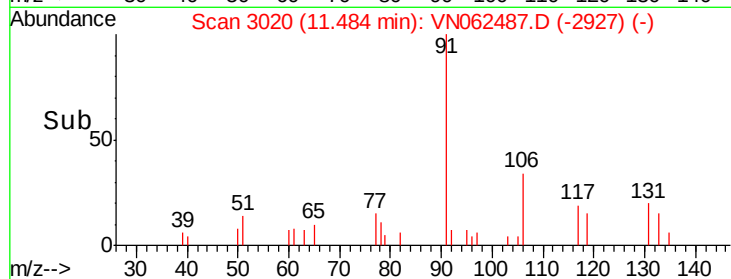
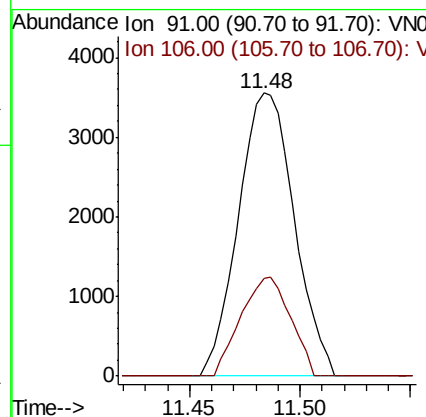
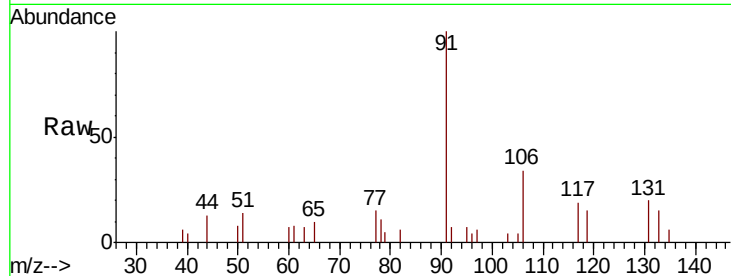




#67
Ethyl Benzene
Concen: 0.567 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

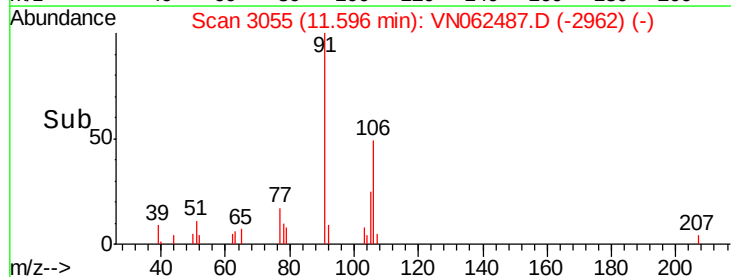
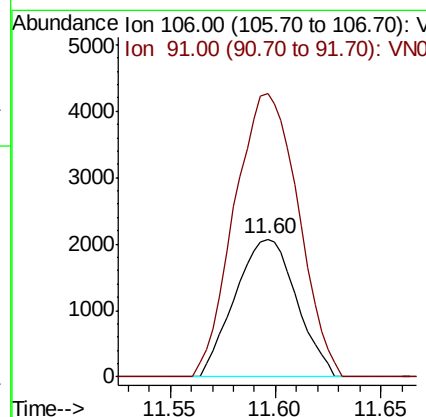
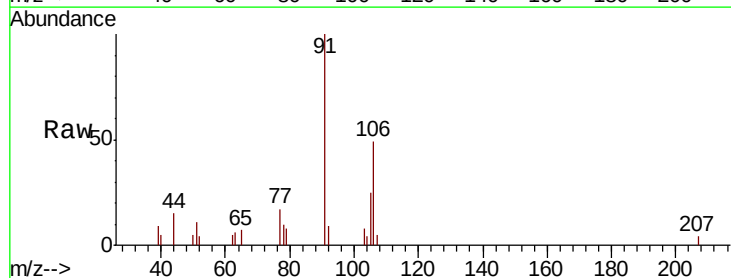
Instrument :
MSVOA_N
ClientSampled :

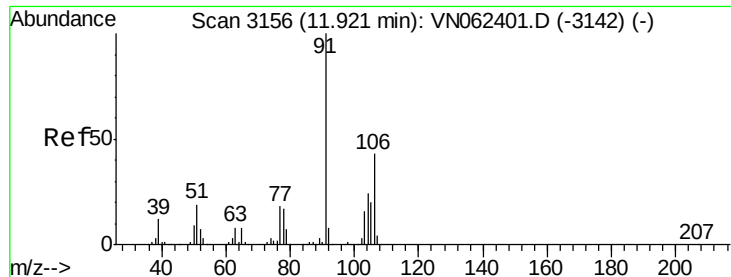
Tot Ion: 91 Resp: 6261
Ion Ratio Lower Upper
91 100
106 34.5 23.4 35.2



#68
m/p-Xylenes
Concen: 1.077 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion: 106 Resp: 4212
Ion Ratio Lower Upper
106 100
91 213.0 172.4 258.6

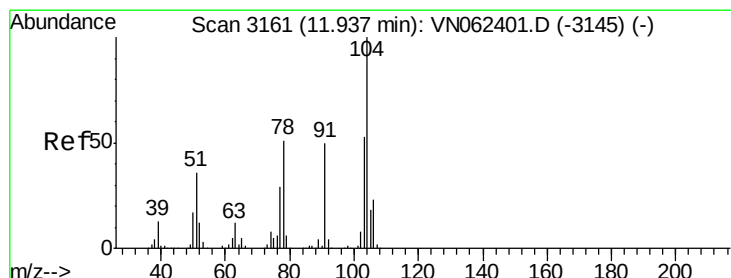
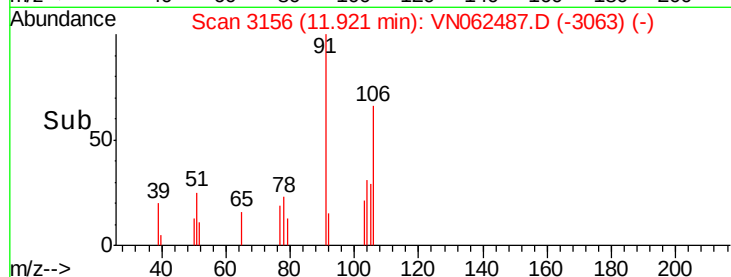
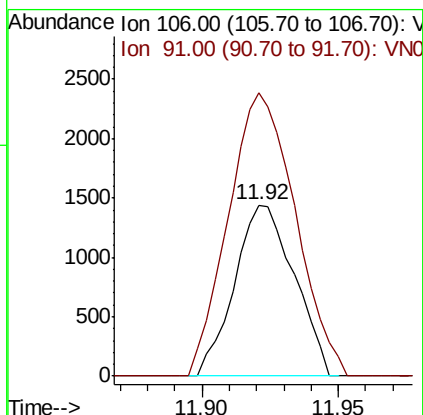
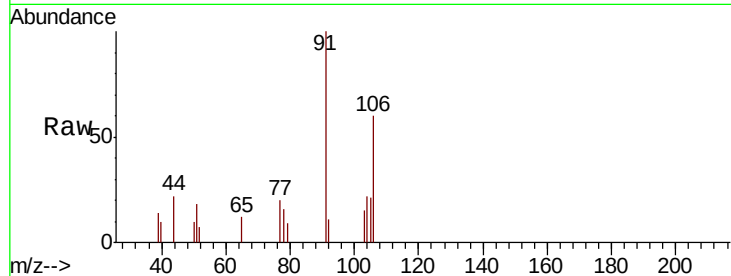




#69
o-Xylene
Concen: 0.574 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

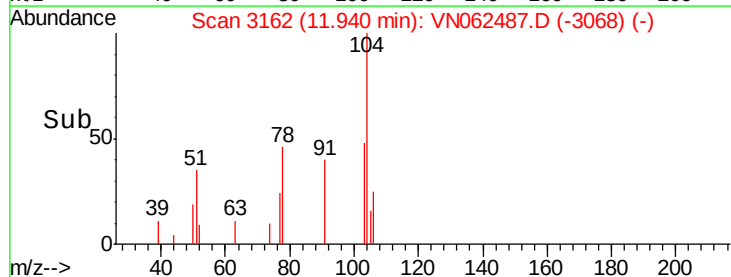
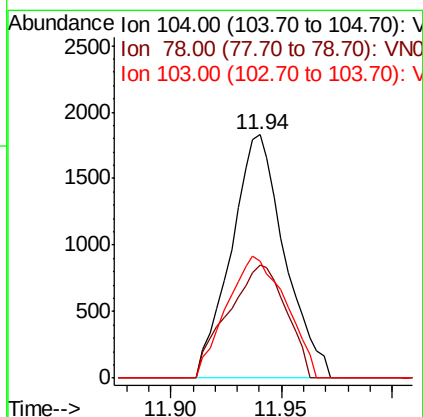
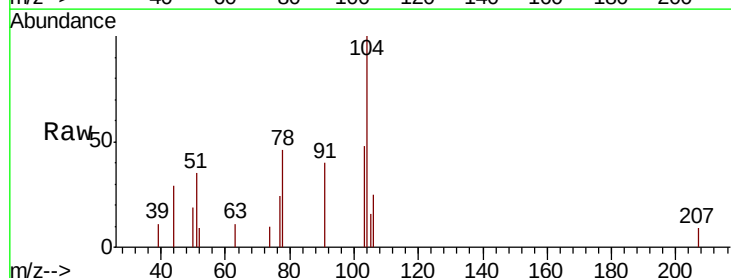
Instrument :
MSVOA_N
ClientSampled :

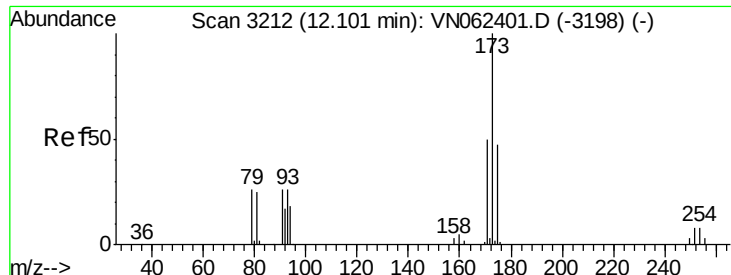
Tot Ion:106 Resp: 2187
Ion Ratio Lower Upper
106 100
91 185.6 113.8 341.4



#70
Styrene
Concen: 0.487 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion:104 Resp: 3064
Ion Ratio Lower Upper
104 100
78 50.7 44.2 66.4
103 55.6 44.4 66.6

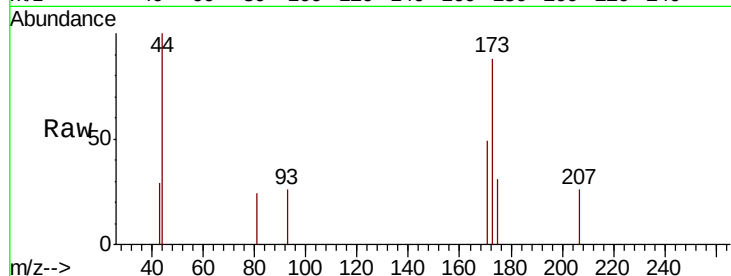




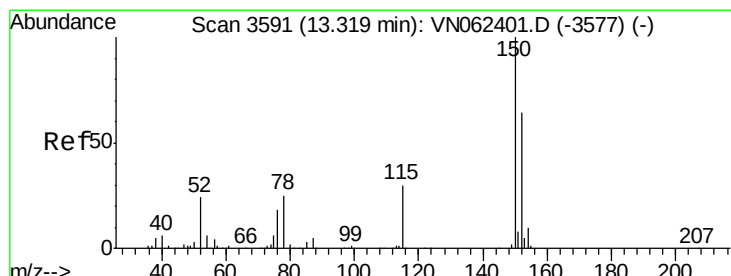
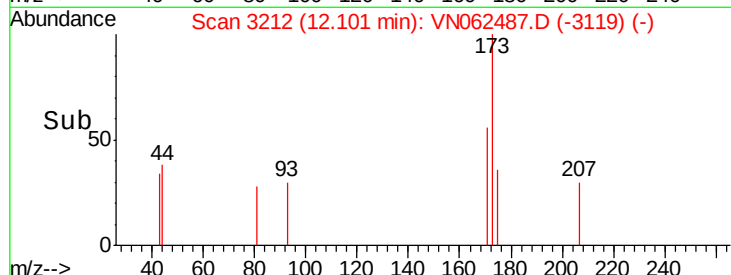
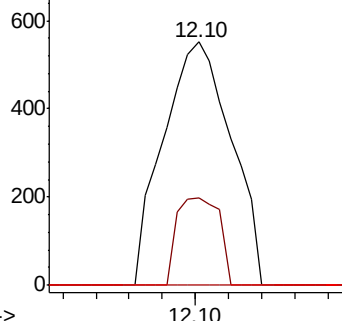
#71
Bromoform
Concen: 0.495 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 787
Ion Ratio Lower Upper
173 100
175 0.0 23.7 71.1#
254 0.0 0.0 0.0

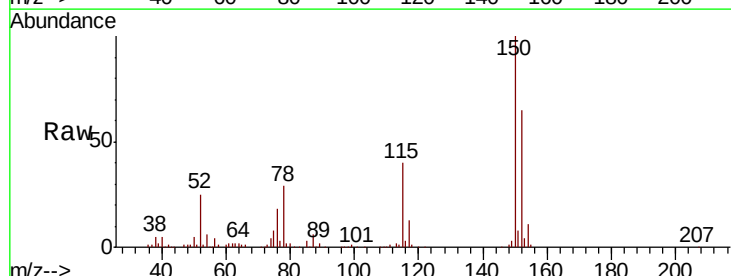


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

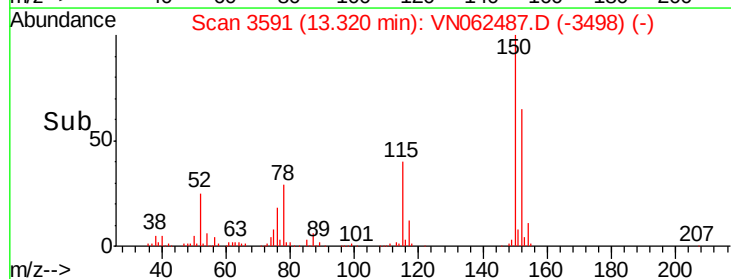
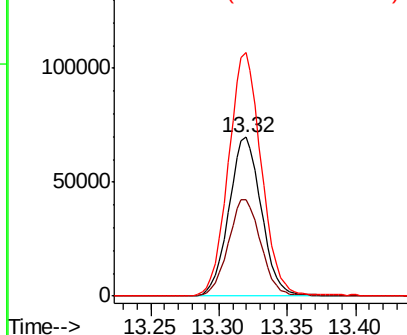


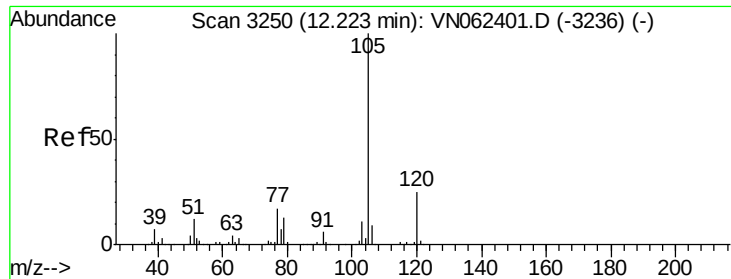
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion:152 Resp: 115448
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 155.8 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

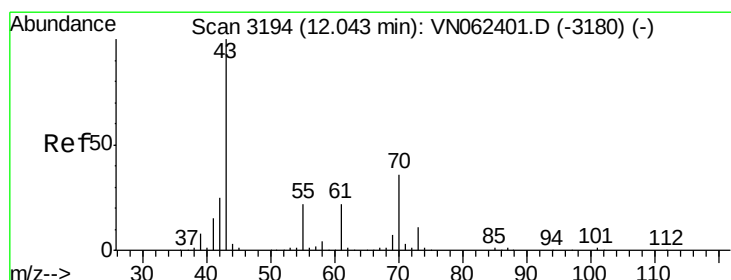
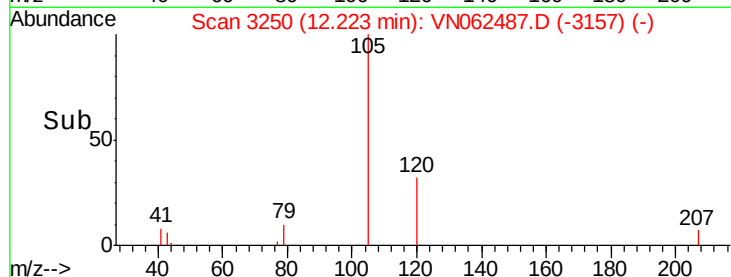
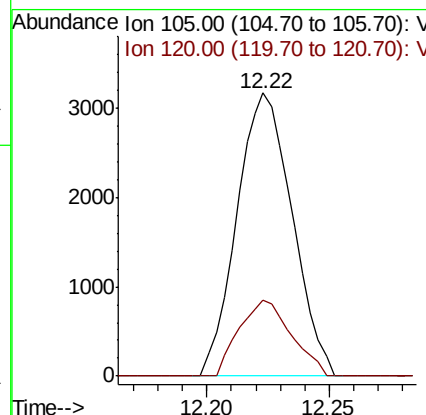
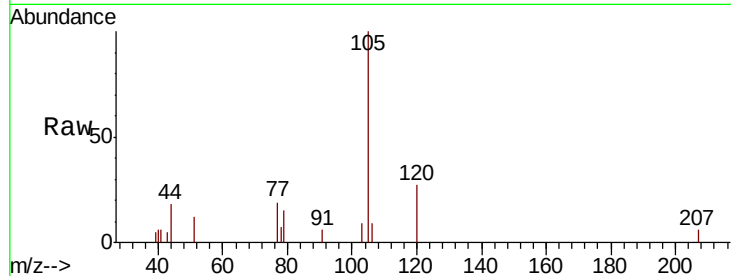




#73
Isopropylbenzene
Concen: 0.556 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

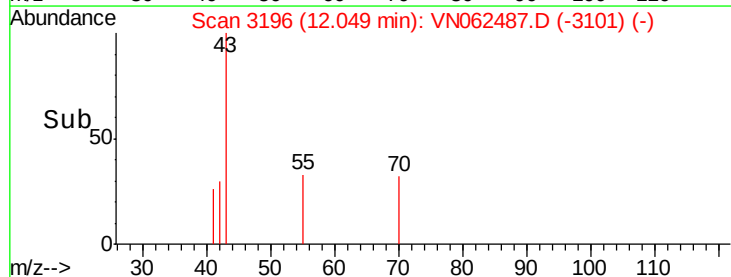
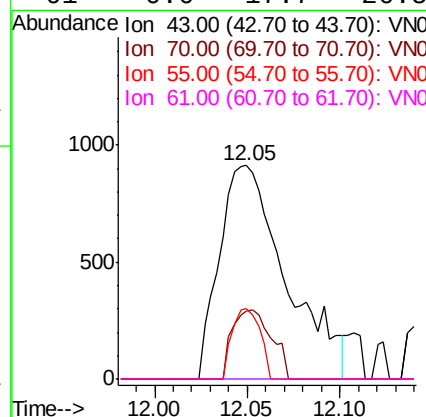
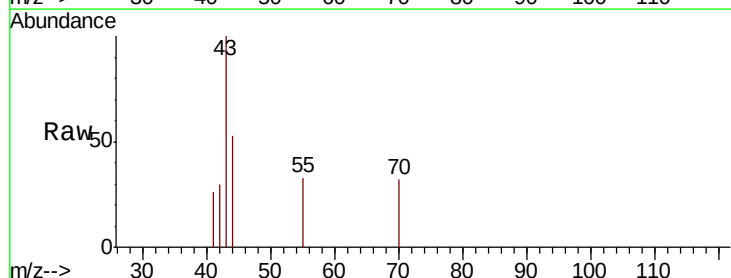
Instrument :
MSVOA_N
ClientSampleId :

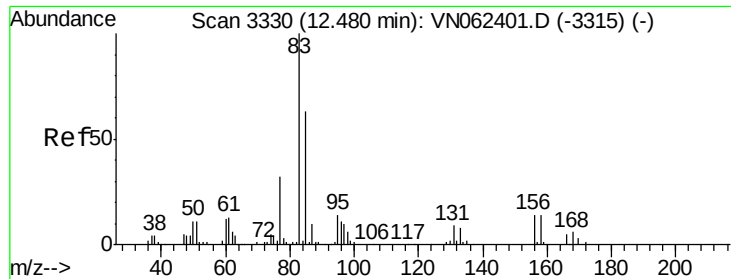
Tot Ion: 105 Resp: 4971
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.1



#74
N-ethyl acetate
Concen: 0.524 ug/l
RT: 12.05 min Scan# 3196
Delta R.T. 0.01 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
70 19.1 30.0 45.0#
55 13.8 18.2 27.4#
61 0.0 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.660 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

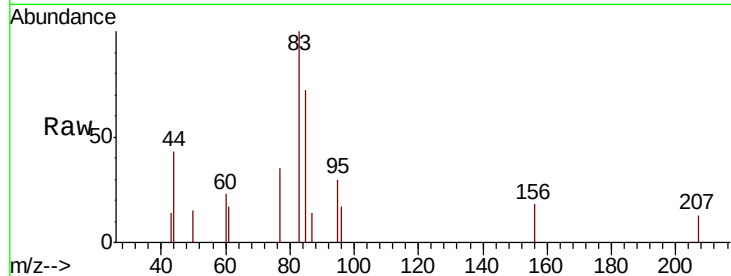
Tot Ion: 83 Resp: 1984

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

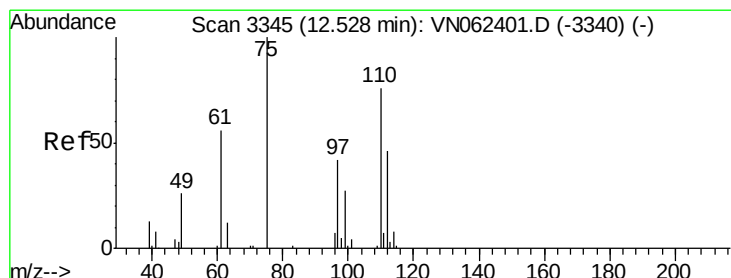
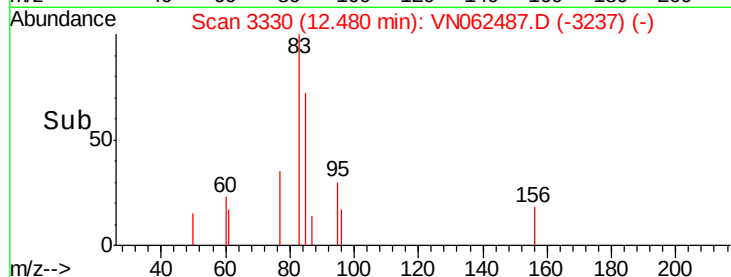
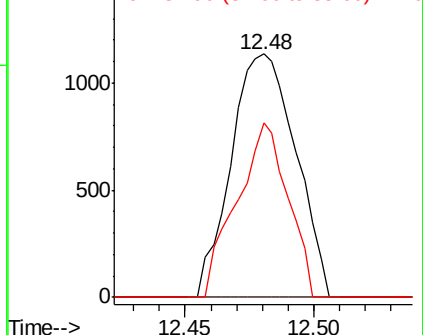
85 56.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062487.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062487.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062487.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 0.850 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN062487.D

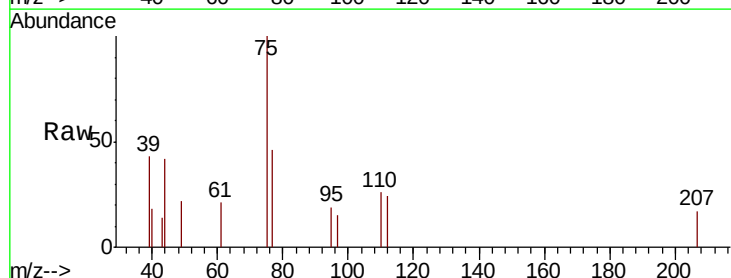
Acq: 10 Jul 2020 12:42

Tgt Ion: 75 Resp: 2407

Ion Ratio Lower Upper

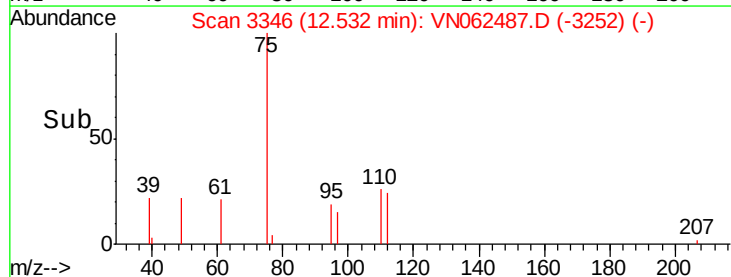
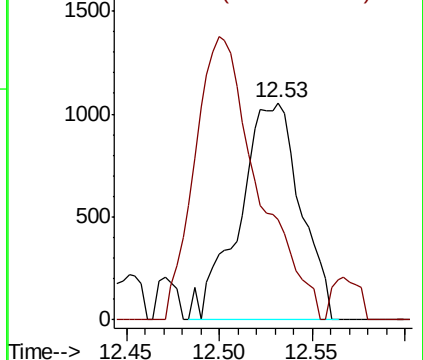
75 100

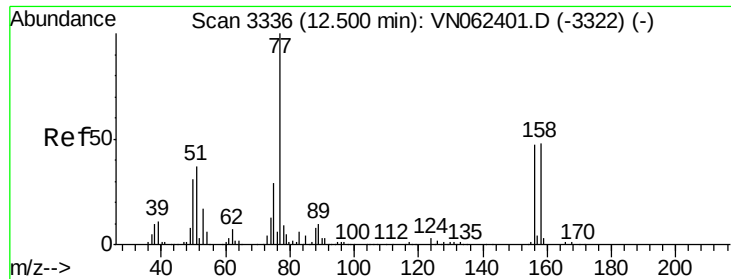
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062487.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062487.D (-3252) (-)





#77

Bromobenzene

Concen: 0.704 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

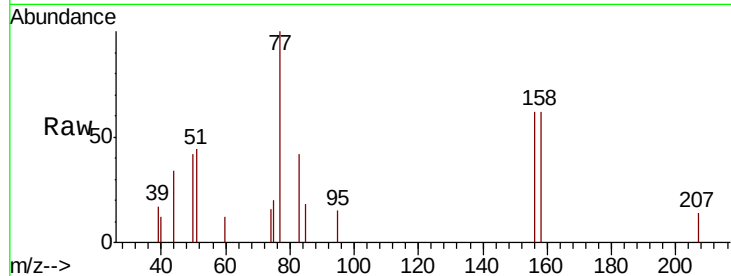
Tot Ion:156 Resp: 1429

Ion Ratio Lower Upper

156 100

77 227.8 126.4 379.3

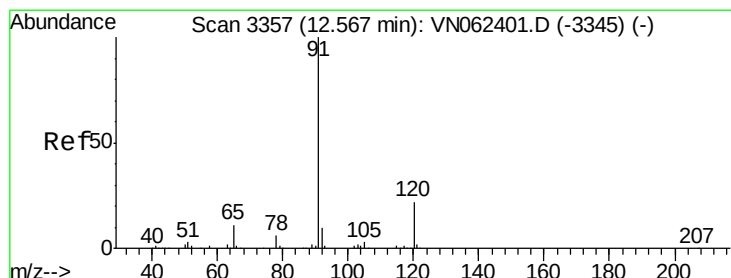
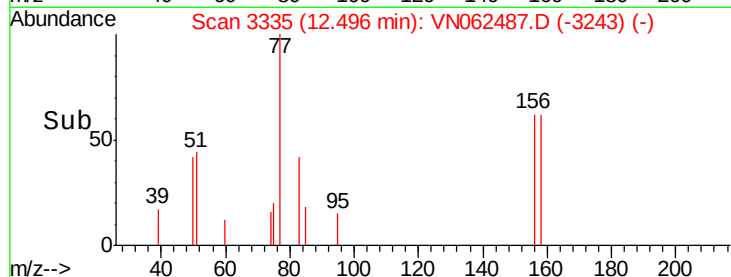
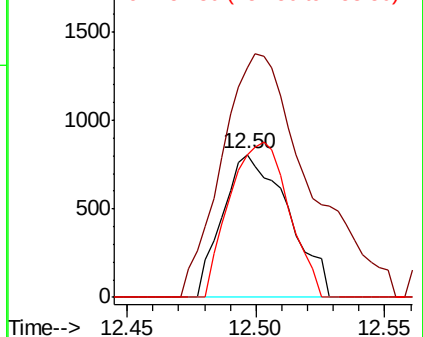
158 98.2 49.8 149.4



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: 0.602 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062487.D

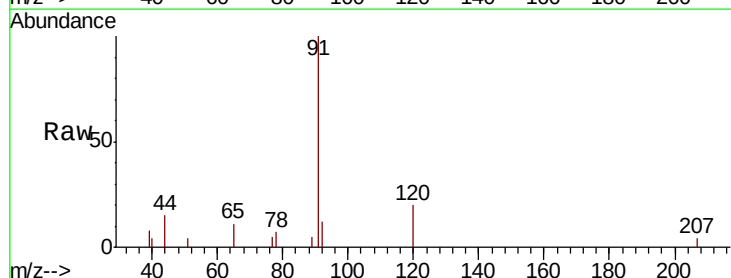
Acq: 10 Jul 2020 12:42

Tgt Ion: 91 Resp: 6277

Ion Ratio Lower Upper

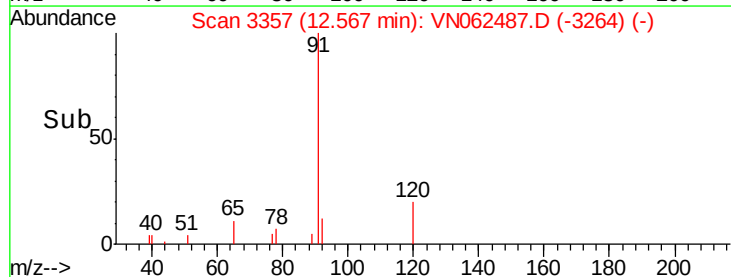
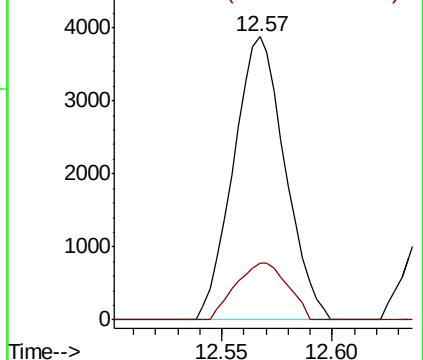
91 100

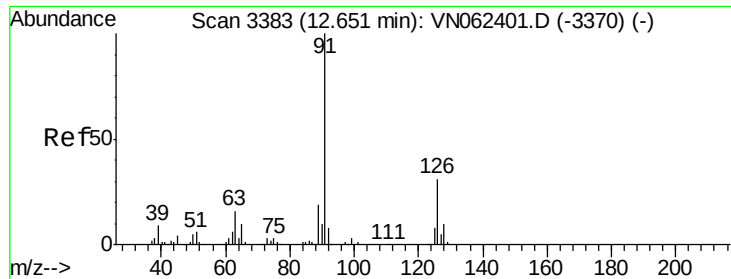
120 20.4 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

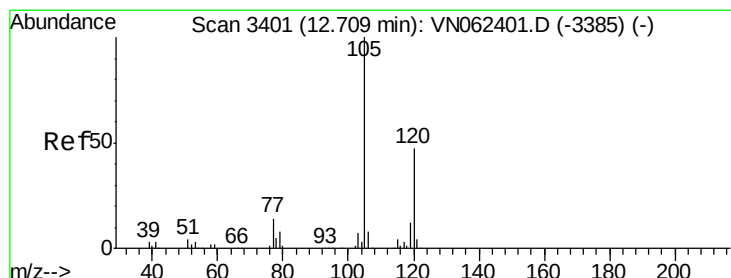
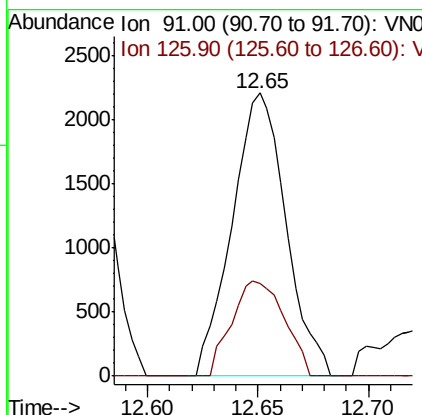
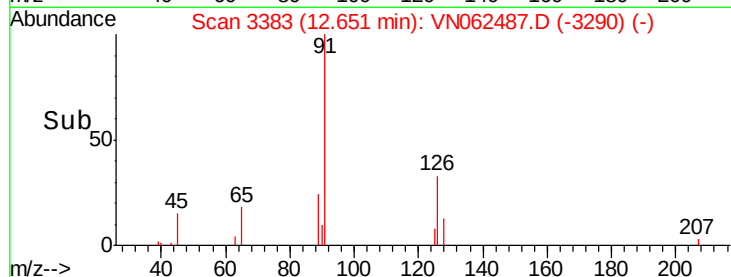
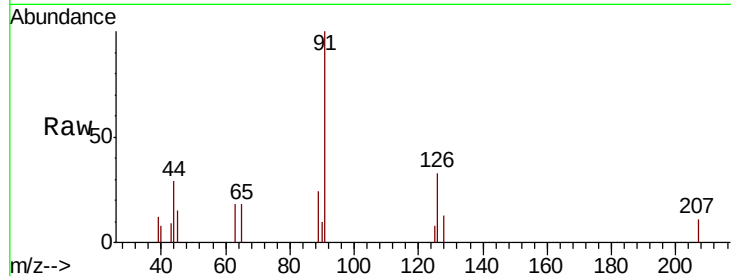




#79
 2-Chlorotoluene
 Concen: 0.591 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

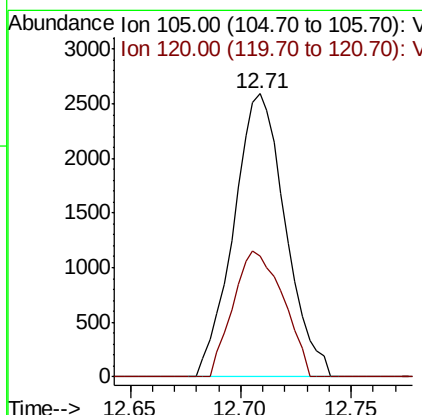
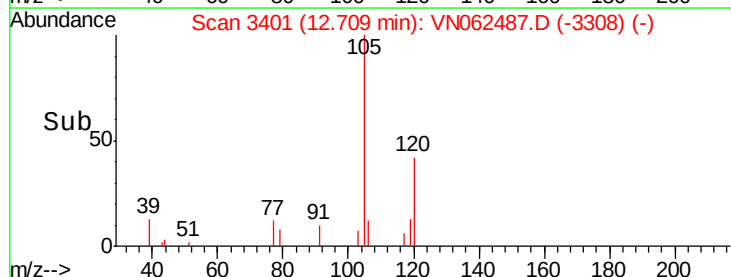
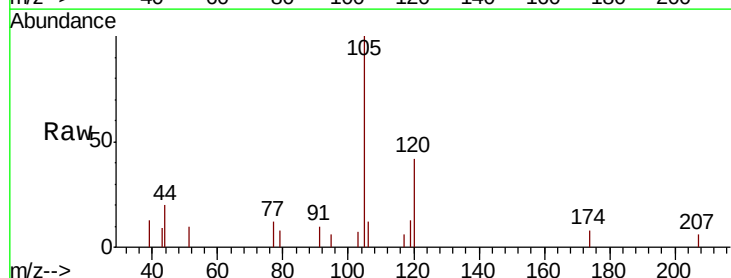
Instrument :
 MSVOA_N
 ClientSampled :

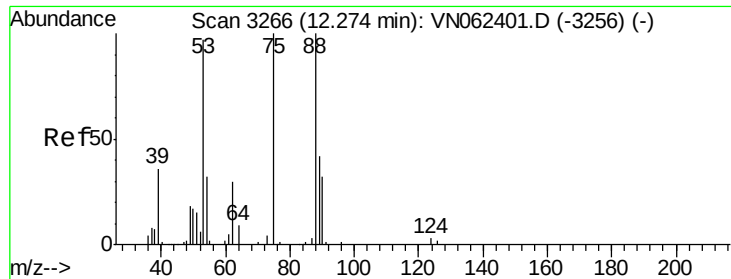
Tot Ion: 91 Resp: 3741
 Ion Ratio Lower Upper
 91 100
 126 32.9 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 0.577 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion: 105 Resp: 4226
 Ion Ratio Lower Upper
 105 100
 120 43.0 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 72.138 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

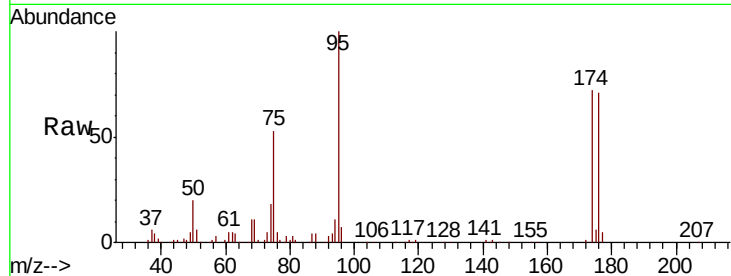
Tot Ion: 75 Resp: 76346

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

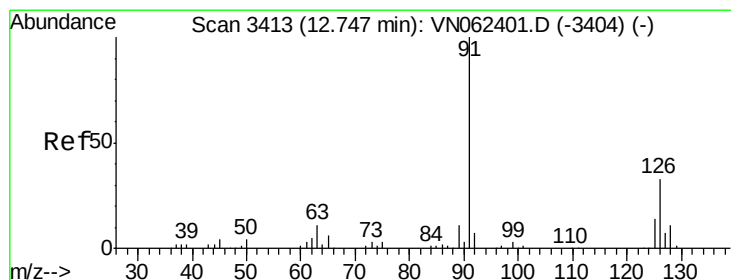
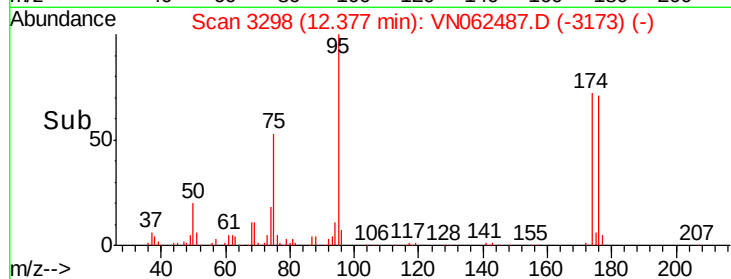
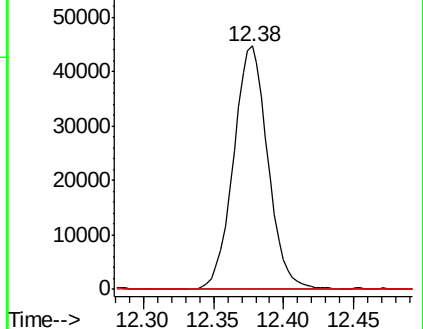
89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VN062401.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062401.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062401.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 0.658 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062487.D

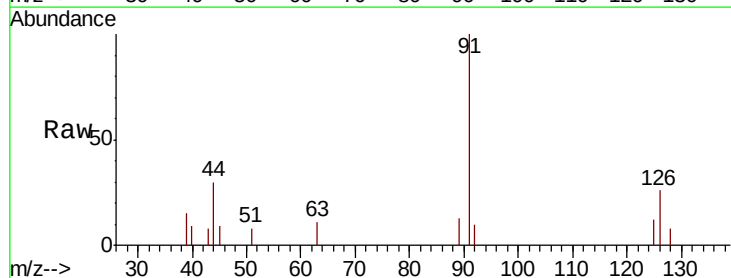
Acq: 10 Jul 2020 12:42

Tgt Ion: 91 Resp: 4230

Ion Ratio Lower Upper

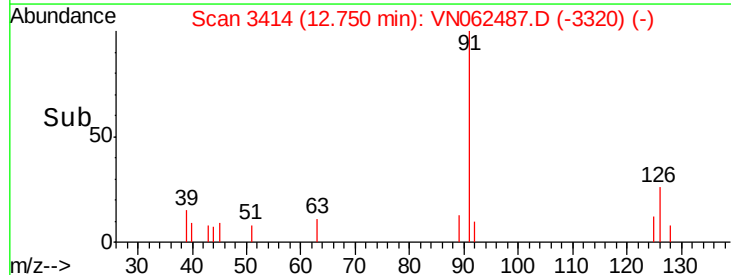
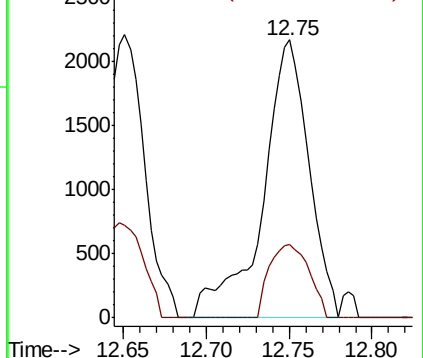
91 100

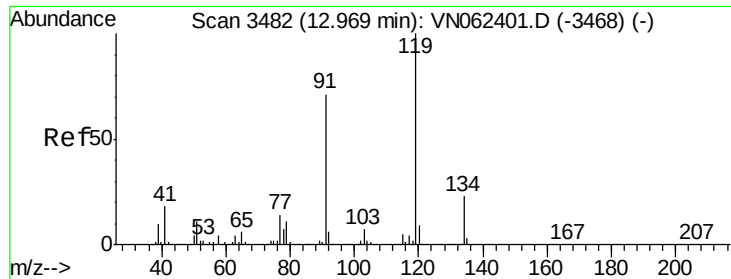
126 22.8 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN062401.D (-3404) (-)

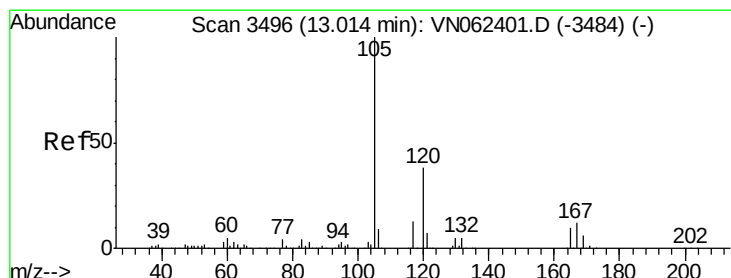
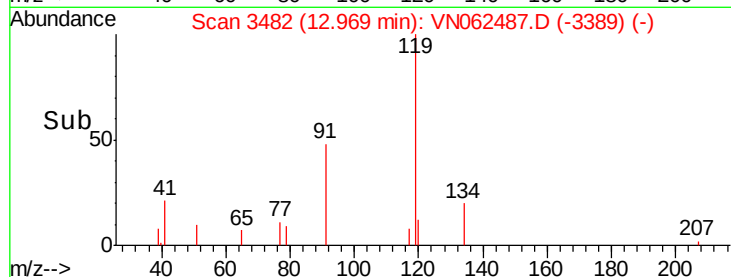
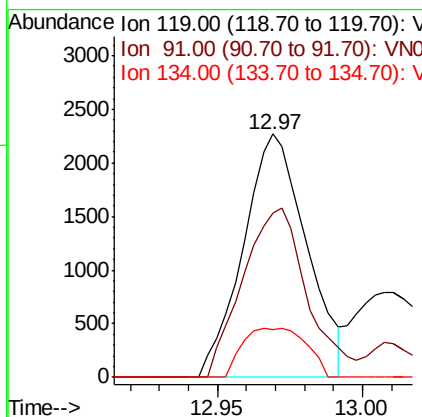
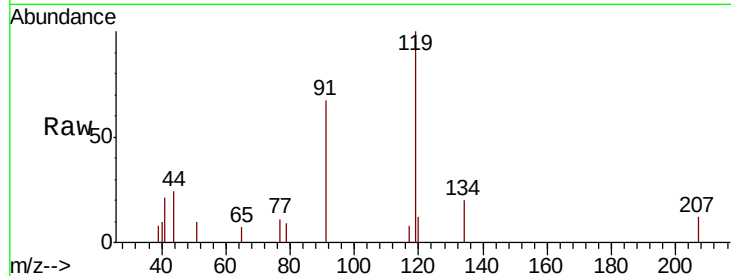




#83
 tert-Butylbenzene
 Concen: 0.554 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

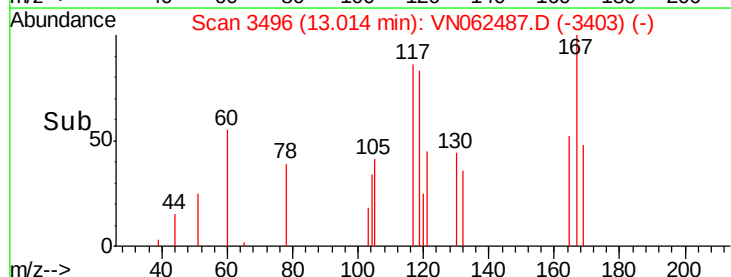
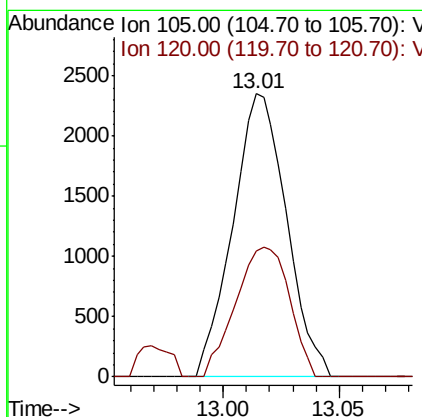
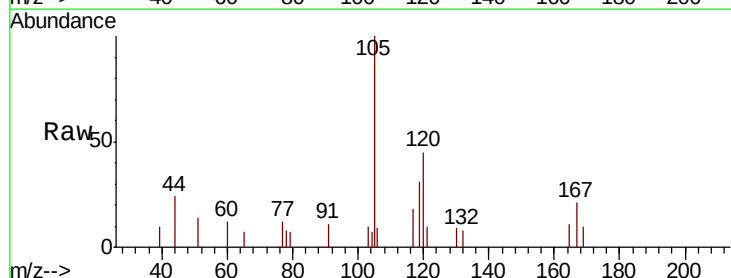
Instrument :
 MSVOA_N
 ClientSampled :

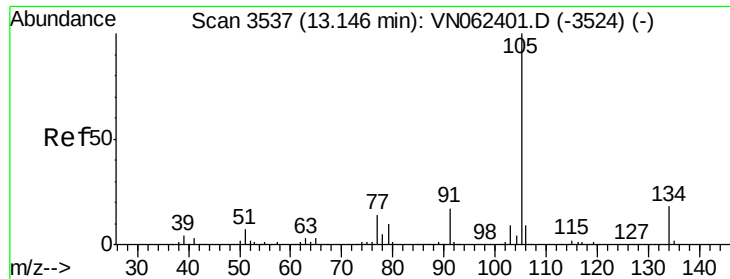
Tot Ion:119 Resp: 3446
 Ion Ratio Lower Upper
 119 100
 91 70.9 34.8 104.3
 134 20.3 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.519 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion:105 Resp: 3780
 Ion Ratio Lower Upper
 105 100
 120 45.9 21.6 64.8





#85

sec-Butylbenzene

Concen: 0.517 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

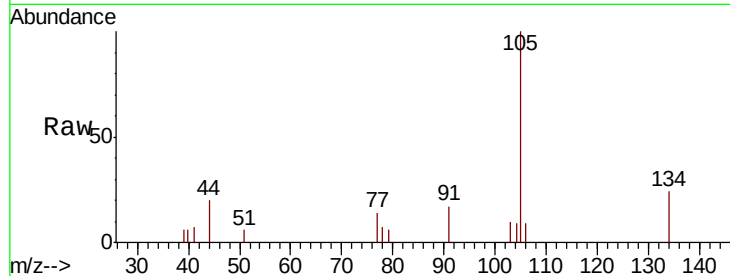
ClientSampleId :

Tot Ion:105 Resp: 4261

Ion Ratio Lower Upper

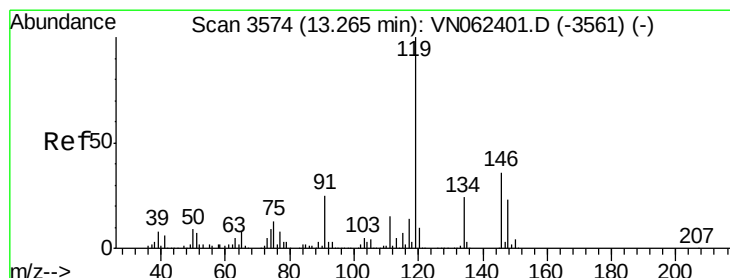
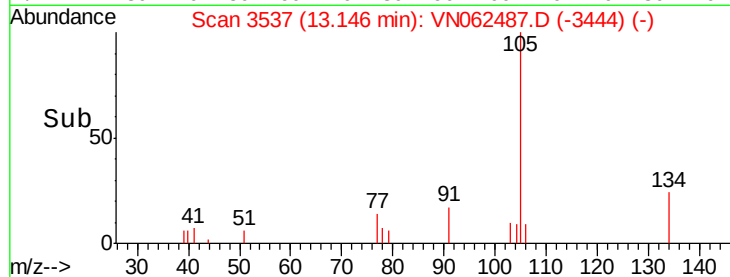
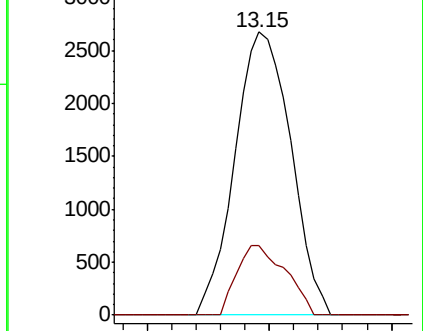
105 100

134 21.4 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.486 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

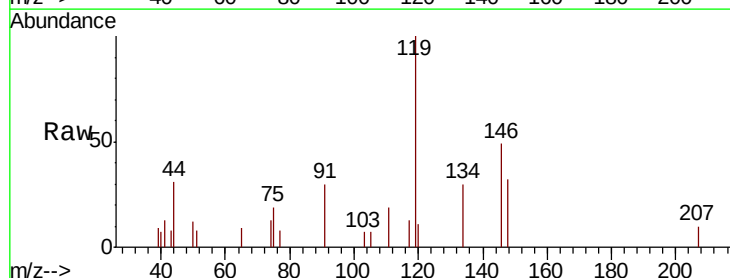
Tgt Ion:119 Resp: 3455

Ion Ratio Lower Upper

119 100

134 24.7 12.4 37.0

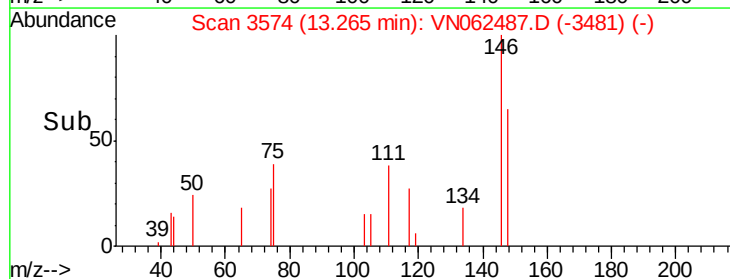
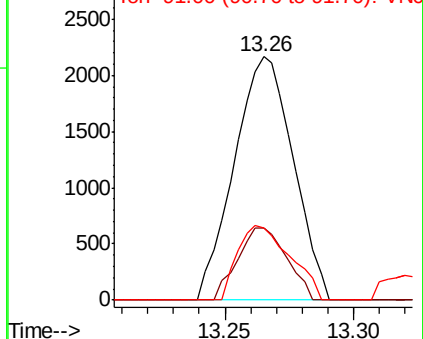
91 27.2 12.4 37.4

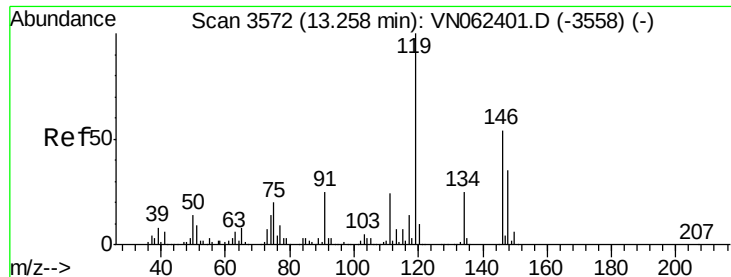


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

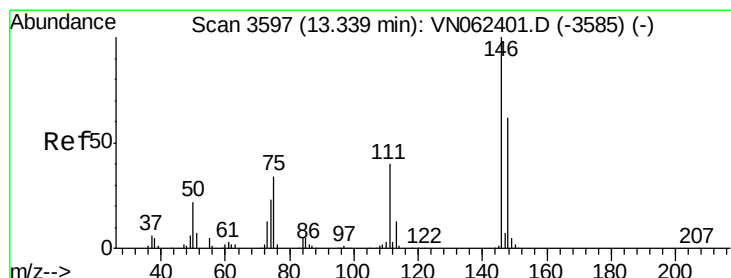
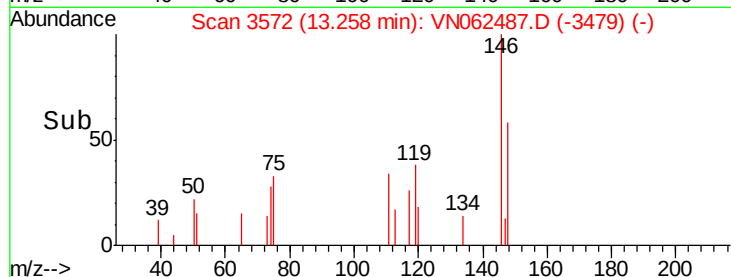
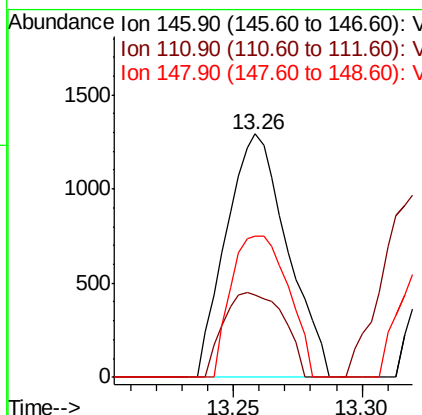
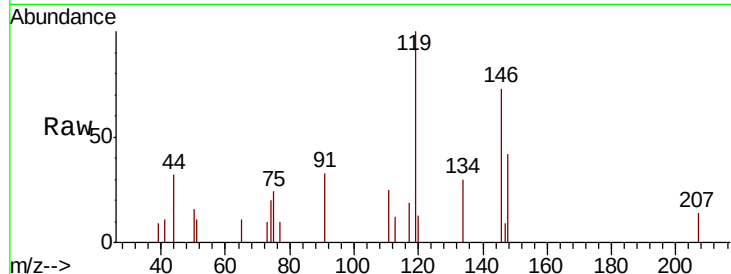




#87
 1,3-Dichlorobenzene
 Concen: 0.608 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

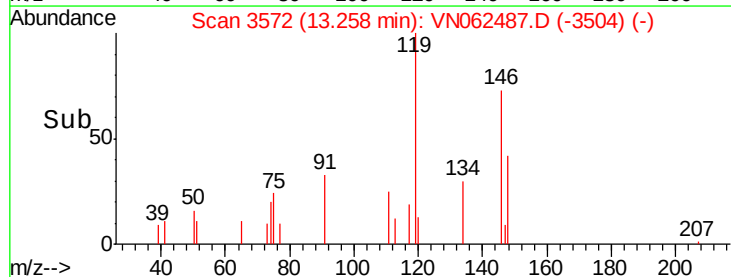
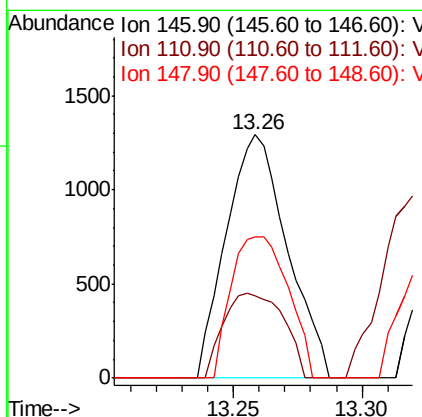
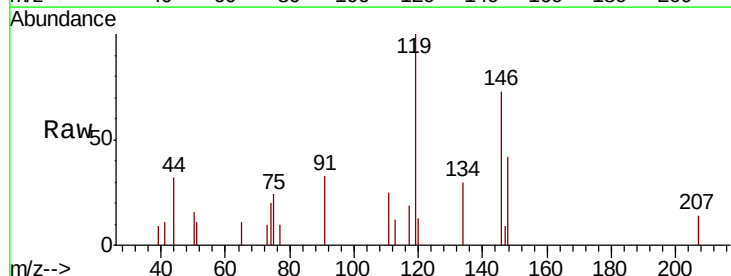
Instrument :
 MSVOA_N
 ClientSampleId :

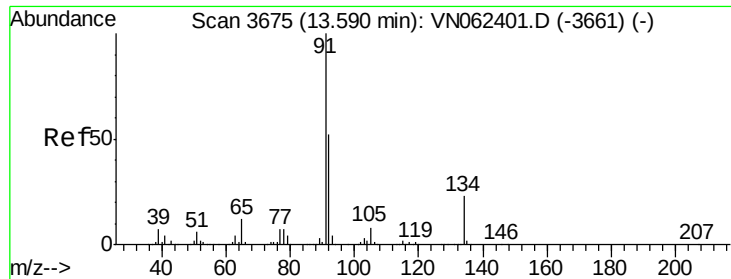
Tot Ion:146 Resp: 2130
 Ion Ratio Lower Upper
 146 100
 111 34.4 21.6 64.6
 148 54.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.591 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.08 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion:146 Resp: 2130
 Ion Ratio Lower Upper
 146 100
 111 34.4 21.1 63.1
 148 54.4 31.4 94.2

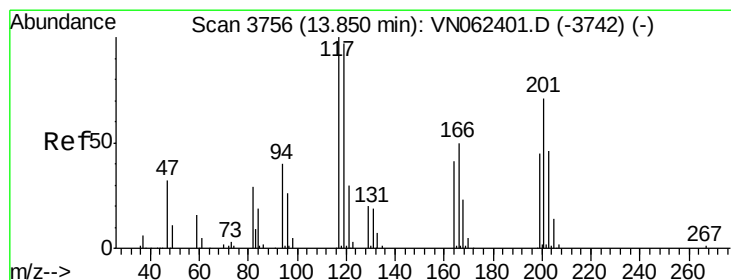
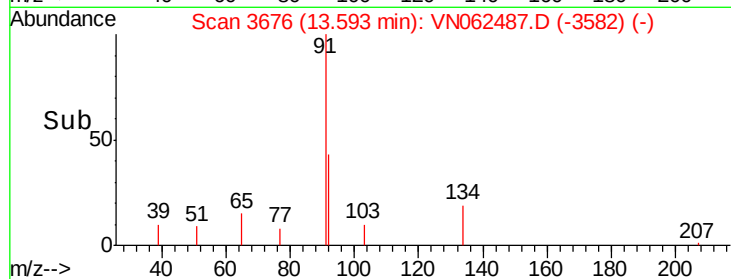
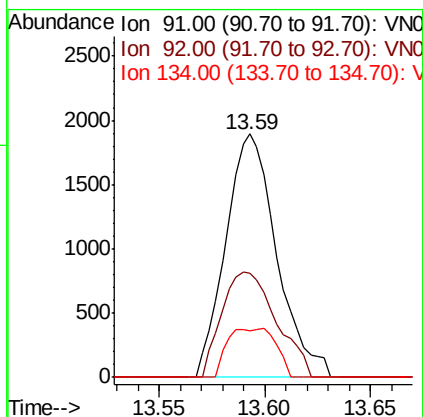
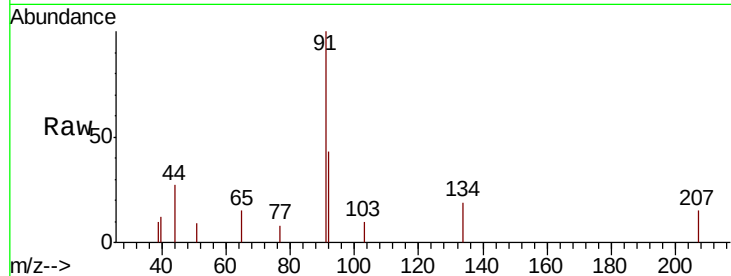




#89
n-Butylbenzene
Concen: 0.506 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

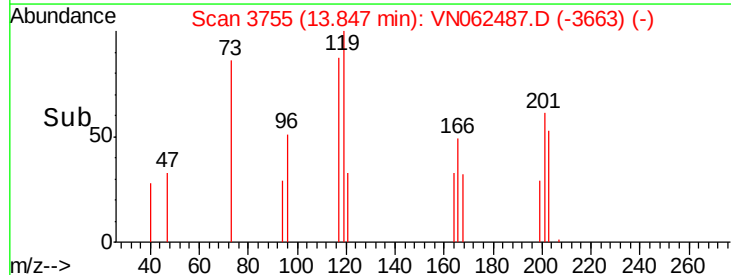
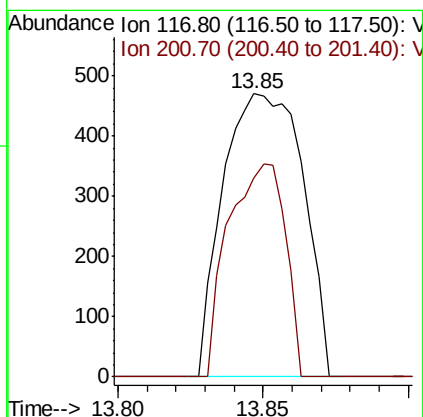
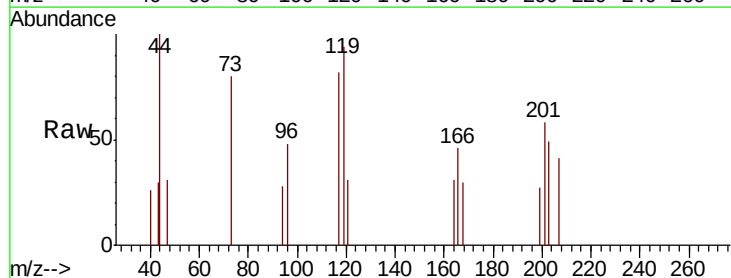
Instrument :
MSVOA_N
ClientSampled :

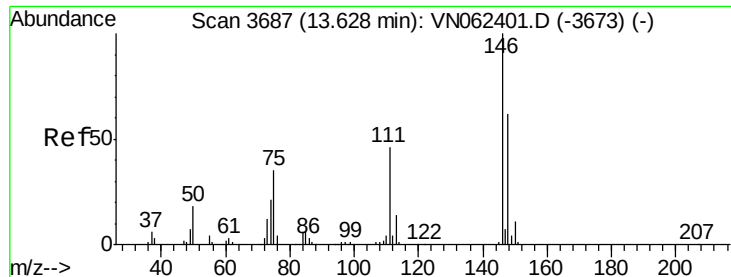
Tot Ion: 91 Resp: 3173
Ion Ratio Lower Upper
91 100
92 46.2 25.9 77.7
134 18.9 11.6 34.8



#90
Hexachloroethane
Concen: 0.644 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062487.D
Acq: 10 Jul 2020 12:42

Tgt Ion: 117 Resp: 901
Ion Ratio Lower Upper
117 100
201 53.5 35.4 106.2

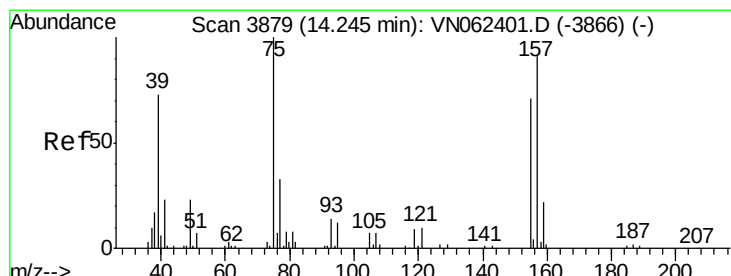
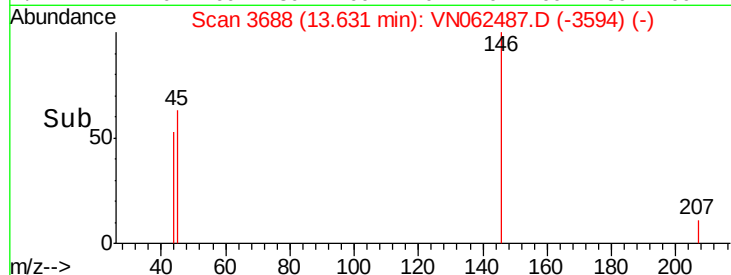
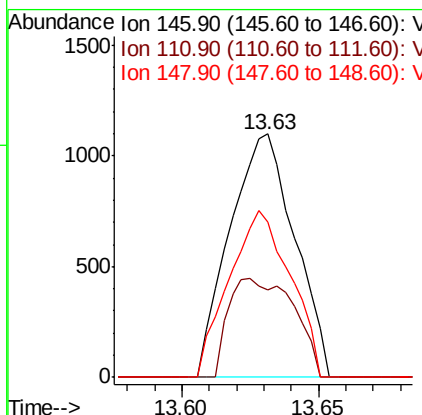
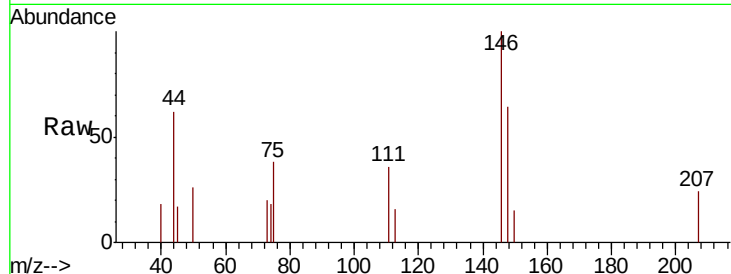




#91
 1,2-Dichlorobenzene
 Concen: 0.534 ug/l
 RT: 13.63 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

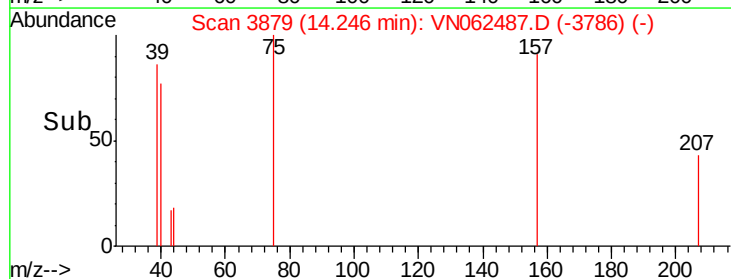
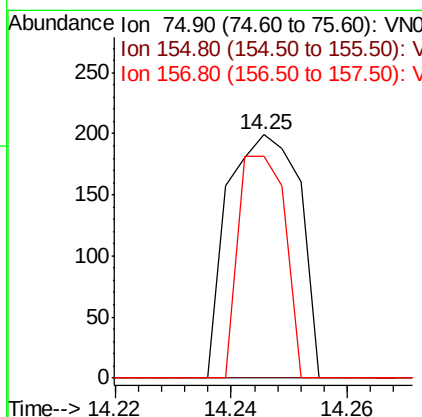
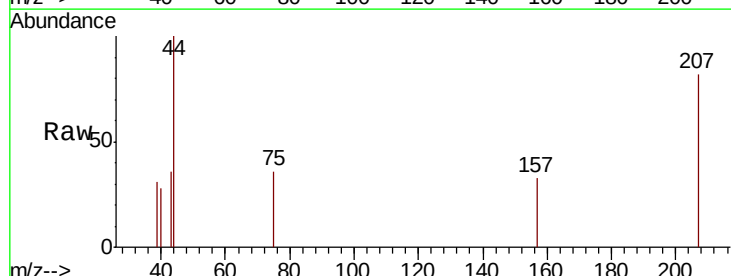
Instrument :
 MSVOA_N
 ClientSampled :

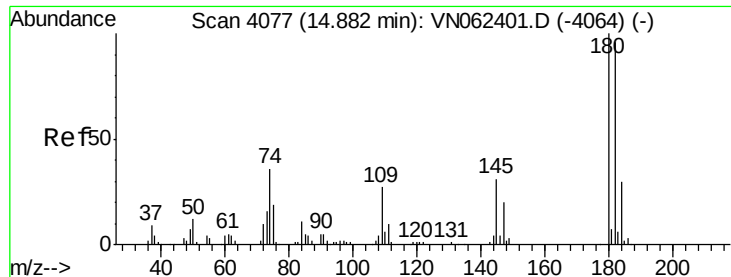
Tot Ion:146 Resp: 1809
 Ion Ratio Lower Upper
 146 100
 111 41.1 22.5 67.5
 148 65.1 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.312 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion: 75 Resp: 171
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.2 105.6#
 157 58.5 45.8 137.3

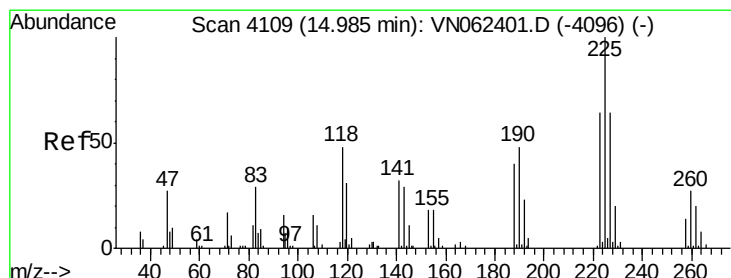
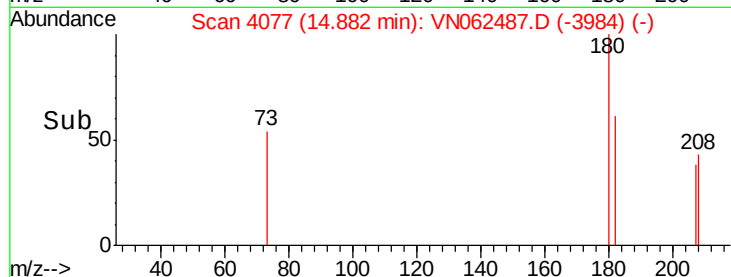
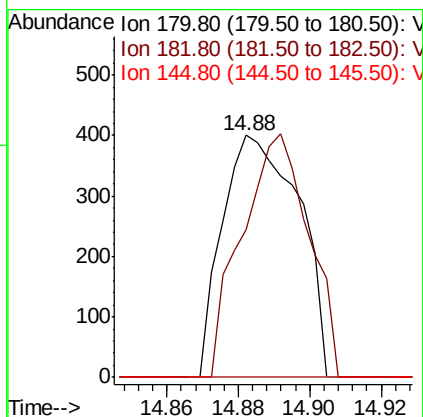
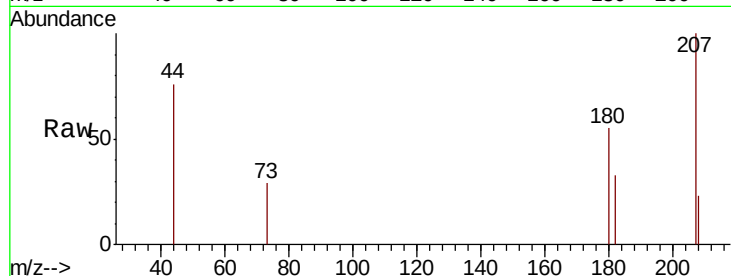




#93
 1,2,4-Trichlorobenzene
 Concen: 0.388 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

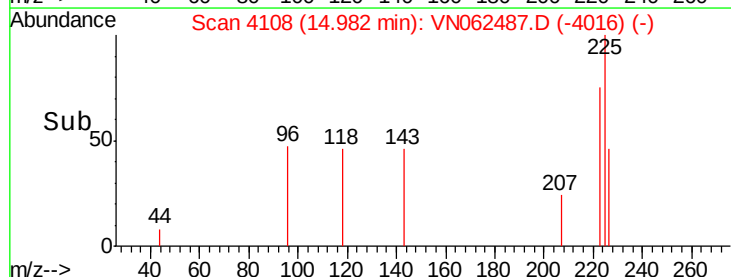
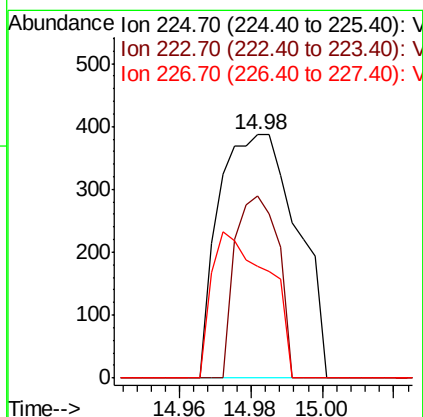
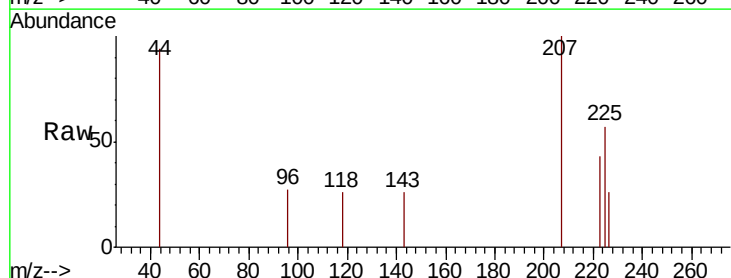
Instrument :
 MSVOA_N
 ClientSampled :

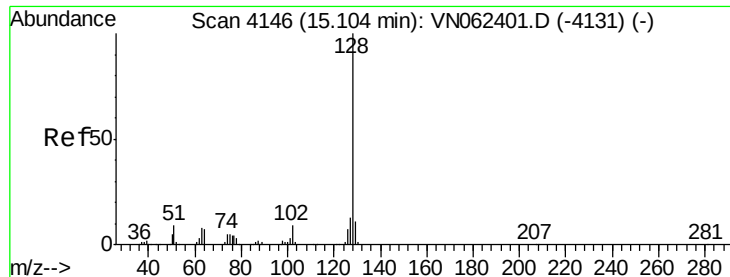
Tot Ion:180 Resp: 593
 Ion Ratio Lower Upper
 180 100
 182 87.7 48.4 145.2
 145 0.0 15.5 46.5#



#94
 Hexachlorobutadiene
 Concen: 0.650 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062487.D
 Acq: 10 Jul 2020 12:42

Tgt Ion:225 Resp: 585
 Ion Ratio Lower Upper
 225 100
 223 41.4 32.3 96.8
 227 43.2 31.9 95.7





#95

Naphthalene

Concen: 0.522 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

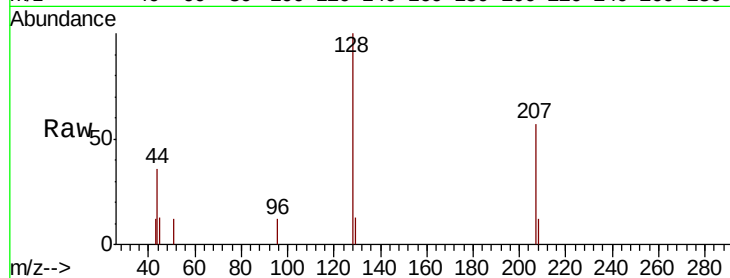
Tot Ion:128 Resp: 2247

Ion Ratio Lower Upper

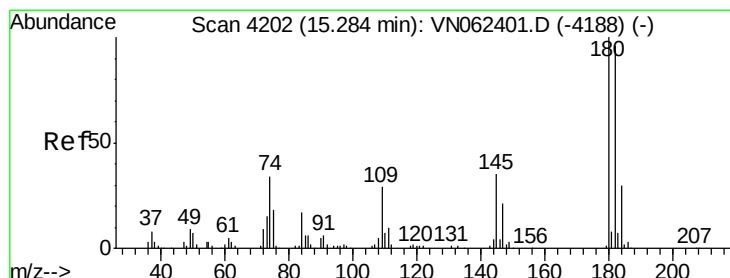
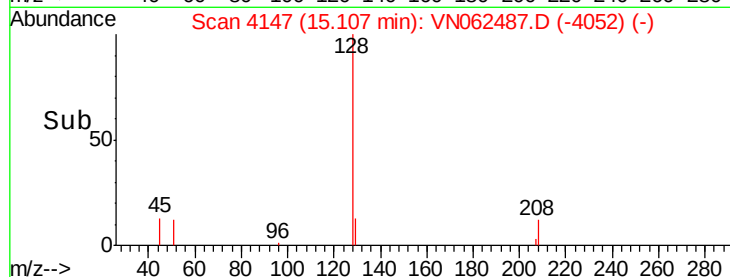
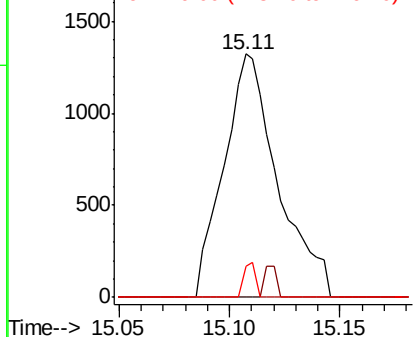
128 100

127 2.9 10.2 15.2#

129 3.1 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.466 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062487.D

Acq: 10 Jul 2020 12:42

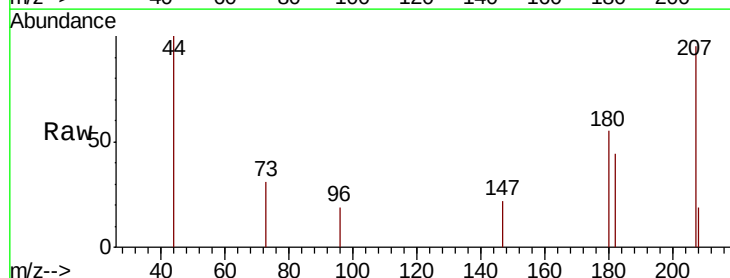
Tgt Ion:180 Resp: 740

Ion Ratio Lower Upper

180 100

182 80.0 47.8 143.4

145 0.0 17.0 50.9#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

