

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062529.D
 Acq On : 15 Jul 2020 12:26
 Operator : JC/MD
 Sample : VN0715WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 16 01:03:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	207624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	346018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	319865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	163049	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.54	113	116382	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
50) Toluene-d8	10.06	98	463218	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
62) 4-Bromofluorobenzene	12.37	95	170586	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	38871	18.380	ug/l	98
3) Chloromethane	2.04	50	57308	16.888	ug/l	99
4) Vinyl Chloride	2.16	62	51615	18.566	ug/l	100
5) Bromomethane	2.53	94	23123	15.486	ug/l	96
6) Chloroethane	2.67	64	22247	13.739	ug/l	93
7) Trichlorofluoromethane	2.98	101	67089	19.000	ug/l	99
8) Diethyl Ether	3.37	74	31221	19.774	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	41681	19.913	ug/l	98
10) Methyl Iodide	3.91	142	48422	17.520	ug/l	99
11) Tert butyl alcohol	4.73	59	42881	80.946	ug/l	99
12) 1,1-Dichloroethene	3.69	96	40920	19.202	ug/l	99
13) Acrolein	3.56	56	38497	100.738	ug/l	97
14) Allyl chloride	4.27	41	90423	18.041	ug/l	99
15) Acrylonitrile	4.92	53	123616	88.974	ug/l	99
16) Acetone	3.77	43	103254	76.156	ug/l	97
17) Carbon Disulfide	4.01	76	120208	18.001	ug/l	98
18) Methyl Acetate	4.27	43	58719	17.354	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	157491	19.492	ug/l	97
20) Methylene Chloride	4.50	84	63971	22.067	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	45644	19.771	ug/l	98
22) Diisopropyl ether	5.90	45	192226	19.413	ug/l	99
23) Vinyl Acetate	5.84	43	756397	92.213	ug/l	100
24) 1,1-Dichloroethane	5.79	63	98864	19.322	ug/l	100
25) 2-Butanone	6.78	43	162773	82.204	ug/l	95
26) 2,2-Dichloropropane	6.77	77	78900	20.111	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	53018	19.827	ug/l	98
28) Bromochloromethane	7.14	49	51900	18.670	ug/l	95
29) Tetrahydrofuran	7.16	42	111834	83.889	ug/l	98
30) Chloroform	7.32	83	93922	20.330	ug/l	97
31) Cyclohexane	7.61	56	88571	18.259	ug/l	94
32) 1,1,1-Trichloroethane	7.52	97	78711	20.482	ug/l	98
36) 1,1-Dichloropropene	7.74	75	68283	19.587	ug/l	99
37) Ethyl Acetate	6.87	43	73195	17.956	ug/l #	86
38) Carbon Tetrachloride	7.73	117	66788	21.310	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	75552	20.300	ug/l	96
40) Benzene	8.00	78	207934	20.238	ug/l	99
41) Methacrylonitrile	7.12	41	33423	19.625	ug/l	94
42) 1,2-Dichloroethane	8.08	62	78641	20.904	ug/l	100
43) Isopropyl Acetate	8.12	43	118594	18.417	ug/l #	92
44) Trichloroethene	8.80	130	48127	21.112	ug/l	99
45) 1,2-Dichloropropane	9.08	63	60470	20.274	ug/l	98
46) Dibromomethane	9.17	93	33875	20.126	ug/l	97
47) Bromodichloromethane	9.37	83	75120	20.875	ug/l	99
48) Methyl methacrylate	9.16	41	53990	17.092	ug/l	96
49) 1,4-Dioxane	9.16	88	15490	336.914	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	349199	90.792	ug/l	99
52) Toluene	10.12	92	124111	20.913	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	84971	21.077	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	92078	20.700	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	48215	20.657	ug/l	96
56) Ethyl methacrylate	10.40	69	76774	18.973	ug/l	98
57) 1,3-Dichloropropane	10.68	76	89745	20.812	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	119485	86.288	ug/l	97
59) 2-Hexanone	10.72	43	243355	87.155	ug/l	99
60) Dibromochloromethane	10.87	129	53369	21.088	ug/l	99
61) 1,2-Dibromoethane	10.98	107	47863	20.314	ug/l	100
64) Tetrachloroethene	10.60	164	40077	21.115	ug/l	94
65) Chlorobenzene	11.40	112	128839	20.725	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	49378	21.539	ug/l	100
67) Ethyl Benzene	11.48	91	240078	20.574	ug/l	98
68) m/p-Xylenes	11.59	106	177080	42.866	ug/l	97
69) o-Xylene	11.92	106	84228	20.941	ug/l	98
70) Styrene	11.94	104	139318	20.958	ug/l	99
71) Bromoform	12.10	173	35269	20.986	ug/l #	98
73) Isopropylbenzene	12.22	105	229946	20.614	ug/l	99
74) N-amyl acetate	12.04	43	95868	17.658	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	72180	19.245	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	94078	26.598	ug/l #	100
77) Bromobenzene	12.50	156	52896	20.859	ug/l	93
78) n-propylbenzene	12.56	91	266909	20.484	ug/l	100
79) 2-Chlorotoluene	12.65	91	160905	20.347	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	193093	21.116	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	22994	17.401	ug/l	98
82) 4-Chlorotoluene	12.75	91	163414	20.354	ug/l	99
83) tert-Butylbenzene	12.97	119	158248	20.392	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	191973	21.121	ug/l	99
85) sec-Butylbenzene	13.15	105	214738	20.883	ug/l	100
86) p-Isopropyltoluene	13.26	119	186624	21.028	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	92715	21.193	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	91408	20.306	ug/l	98
89) n-Butylbenzene	13.59	91	152959	19.519	ug/l	99
90) Hexachloroethane	13.85	117	35567	20.372	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	89703	21.207	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	12912	18.865	ug/l	93

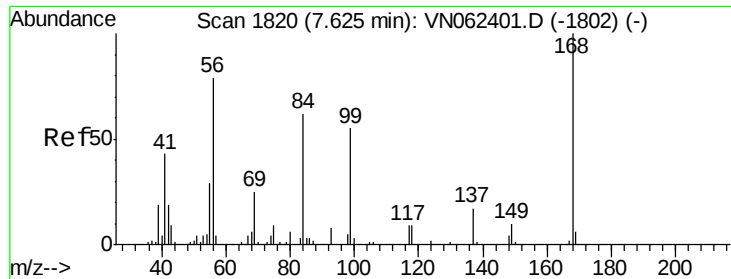
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	38322	19.087	ug/l	99
94) Hexachlorobutadiene	14.98	225	25455	22.665	ug/l	96
95) Naphthalene	15.10	128	95762	18.734	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	38677	19.108	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

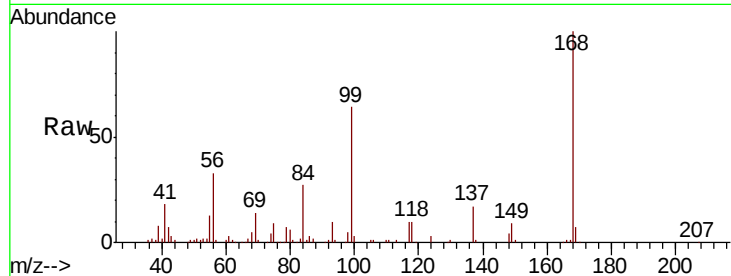
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 207624

Ion Ratio Lower Upper

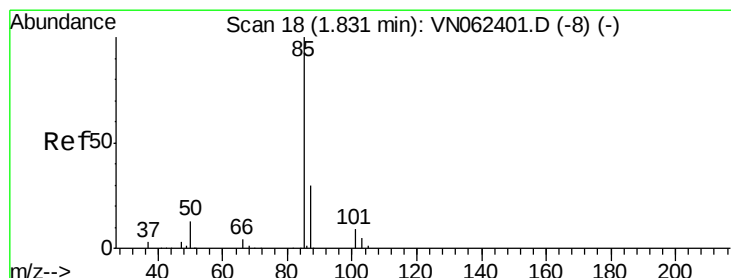
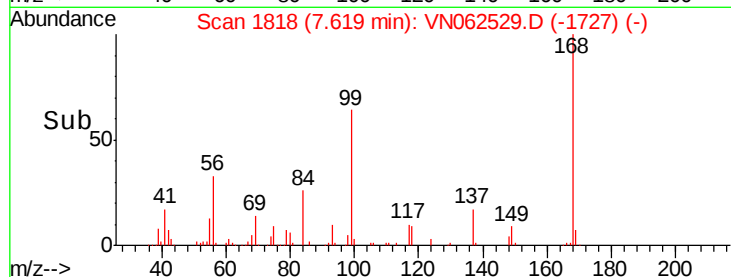
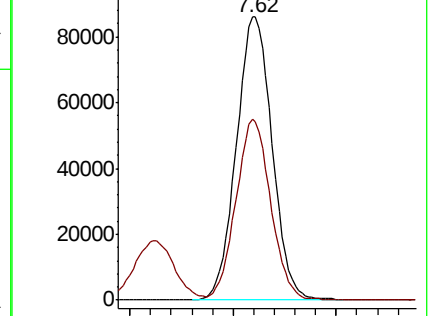
168 100

99 63.6 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.380 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062529.D

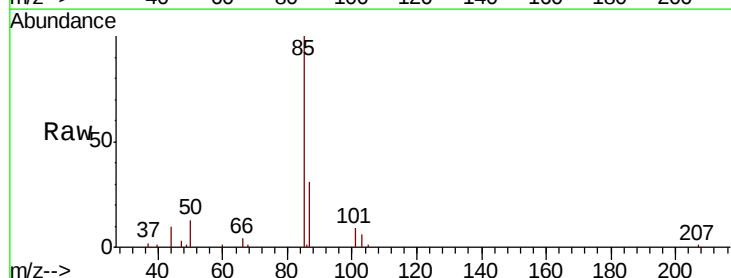
Acq: 15 Jul 2020 12:26

Tgt Ion: 85 Resp: 38871

Ion Ratio Lower Upper

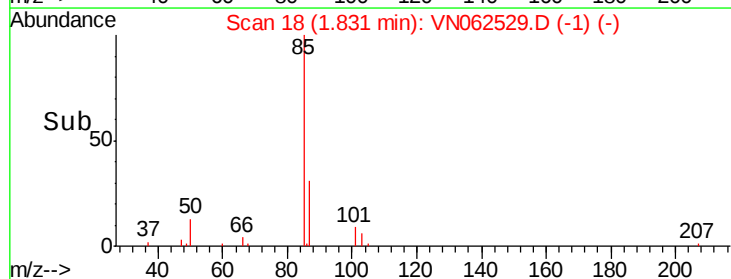
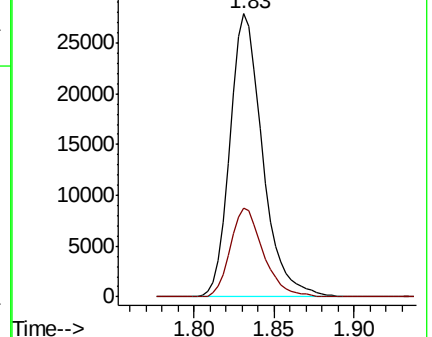
85 100

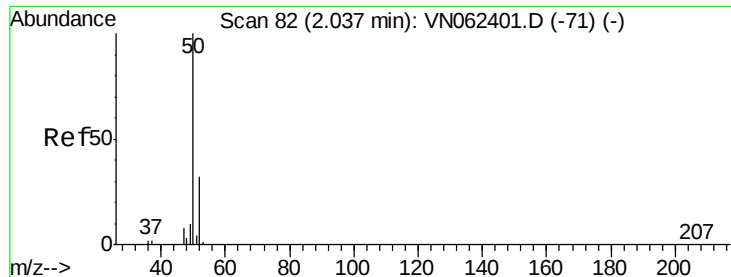
87 31.5 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 16.888 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

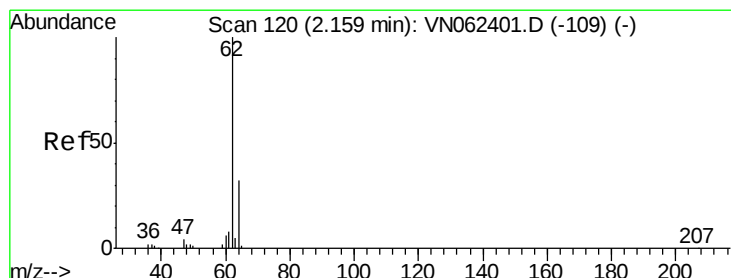
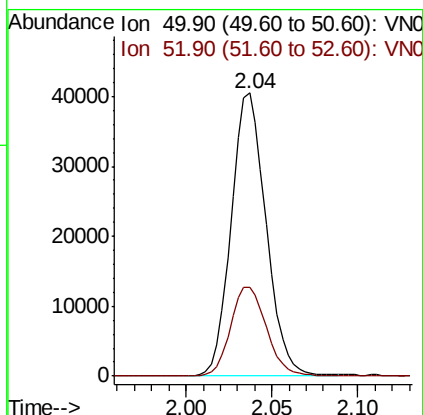
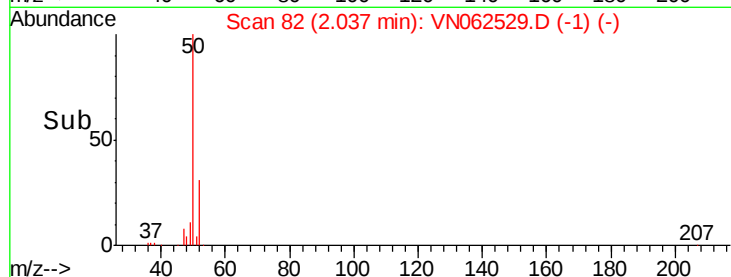
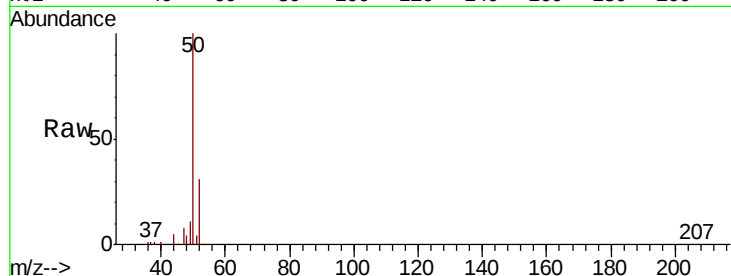
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 57308

Ion Ratio Lower Upper

50 100

52 31.2 25.5 38.3



#4

Vinyl Chloride

Concen: 18.566 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062529.D

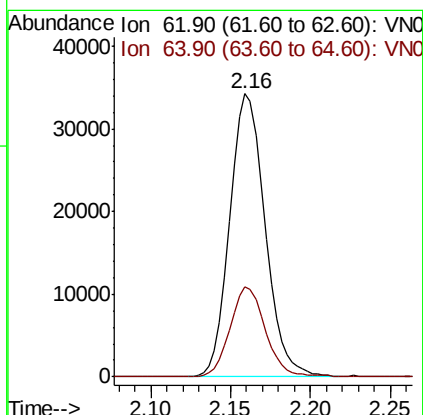
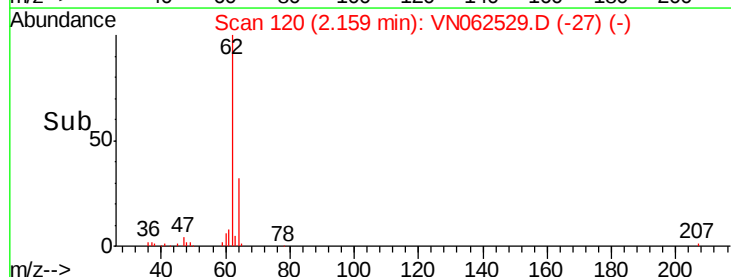
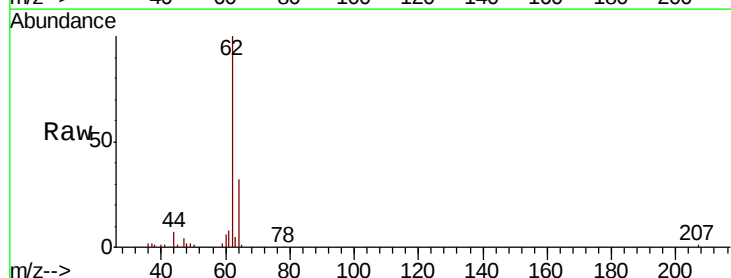
Acq: 15 Jul 2020 12:26

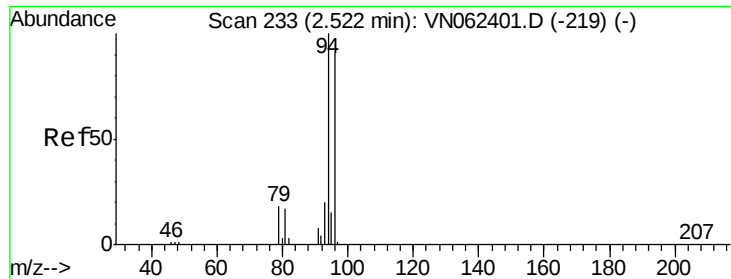
Tgt Ion: 62 Resp: 51615

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 15.486 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

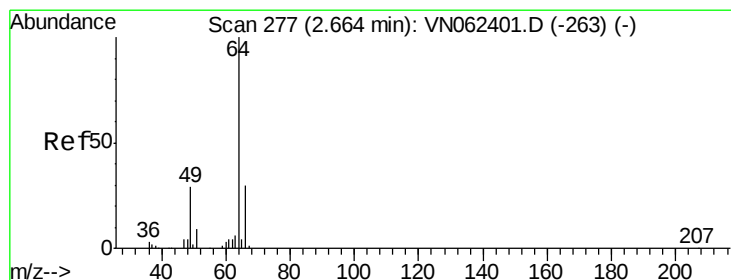
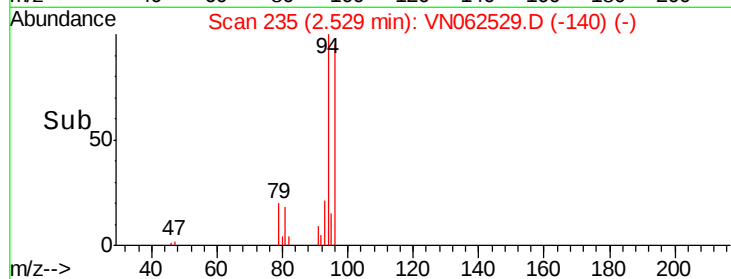
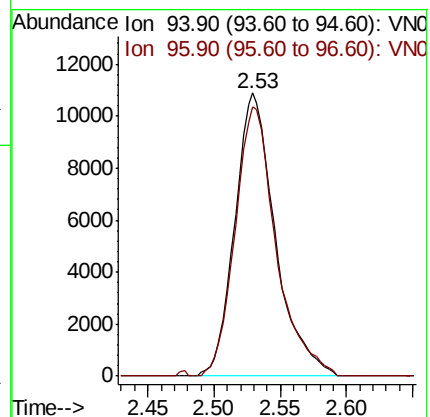
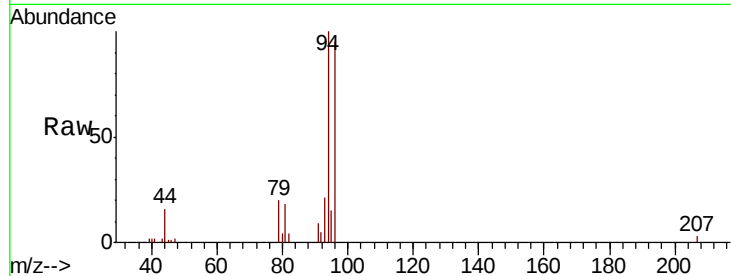
ClientSampleId :

Tot Ion: 94 Resp: 23123

Ion Ratio Lower Upper

94 100

96 94.9 73.2 109.8



#6

Chloroethane

Concen: 13.739 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062529.D

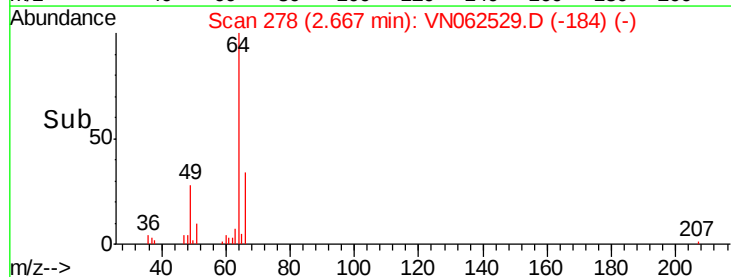
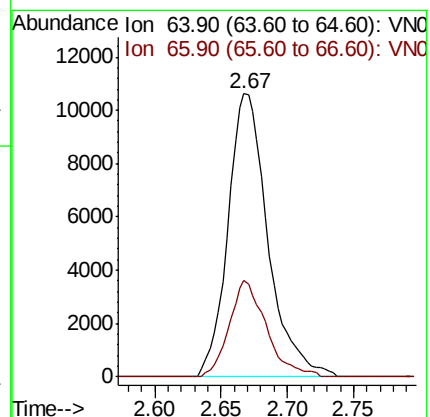
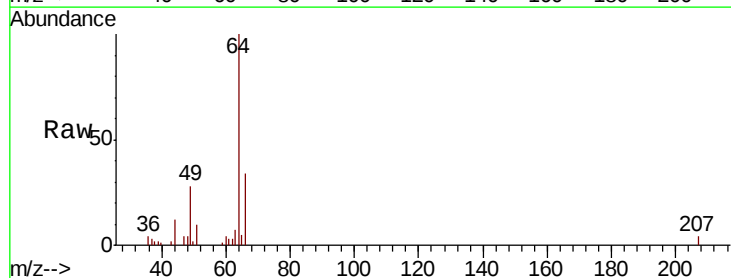
Acq: 15 Jul 2020 12:26

Tgt Ion: 64 Resp: 22247

Ion Ratio Lower Upper

64 100

66 34.0 24.2 36.2



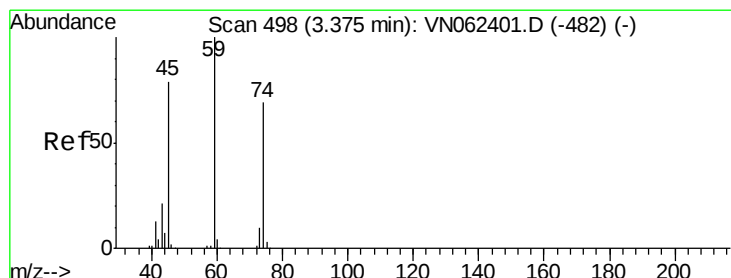
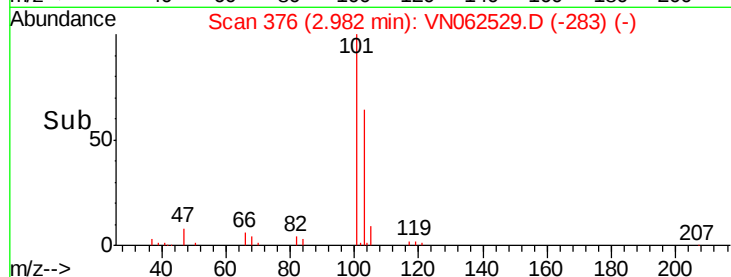
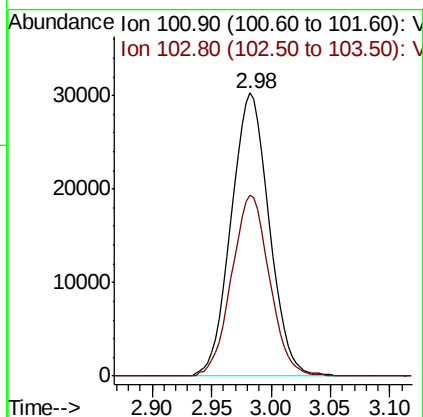
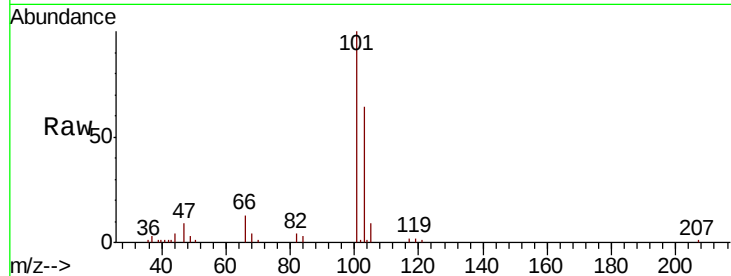


#7

Trichlorofluoromethane
 Concen: 19.000 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Instrument :
 MSVOA_N
 ClientSampled :

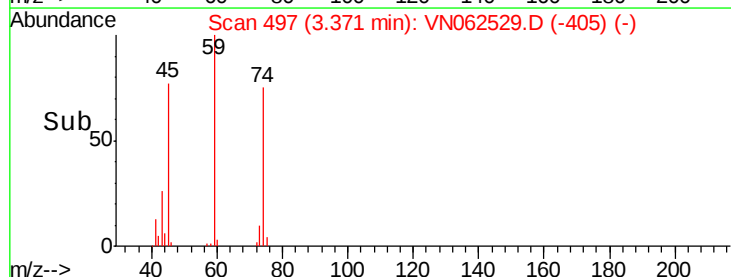
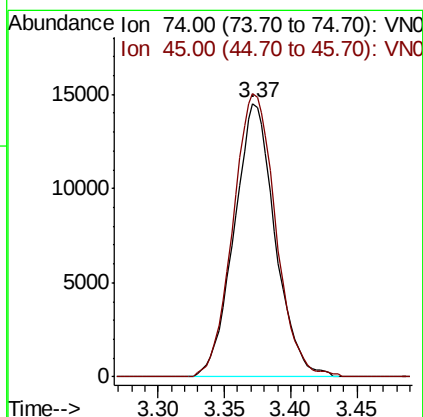
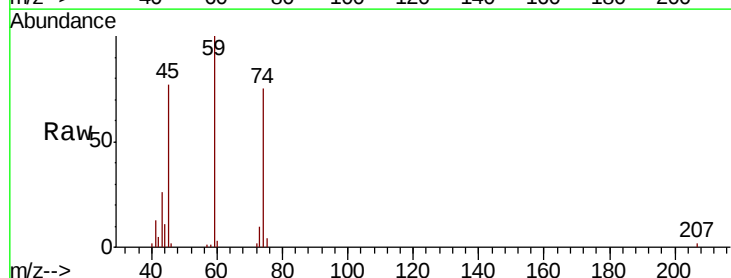
Tot Ion:101 Resp: 67089
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.6 77.4

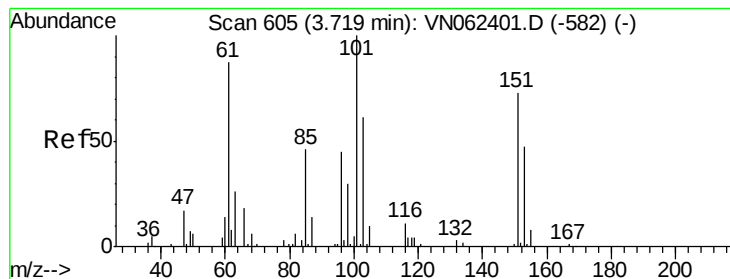


#8

Diethyl Ether
 Concen: 19.774 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Tgt Ion: 74 Resp: 31221
 Ion Ratio Lower Upper
 74 100
 45 107.7 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.913 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

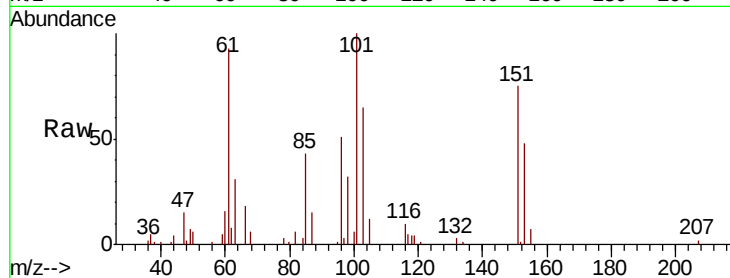
Tot Ion:101 Resp: 41681

Ion Ratio Lower Upper

101 100

85 46.2 36.7 55.1

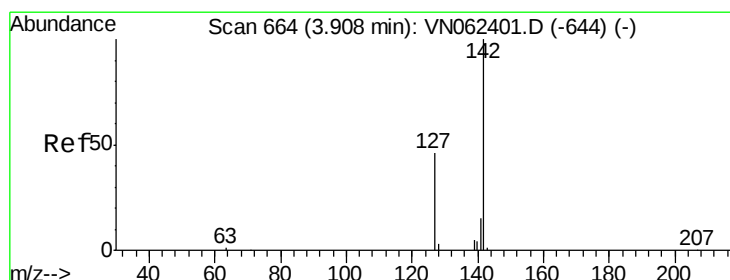
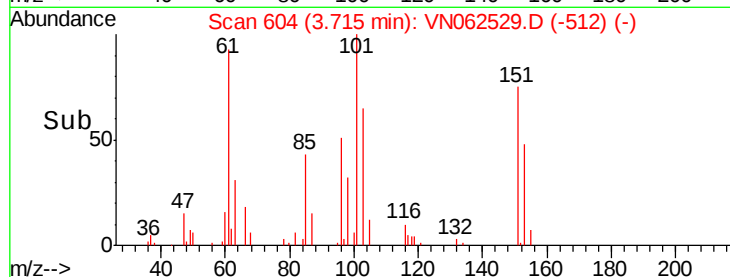
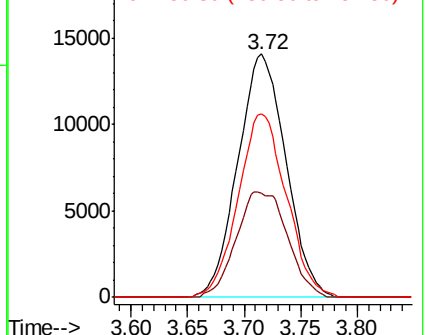
151 75.6 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.520 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

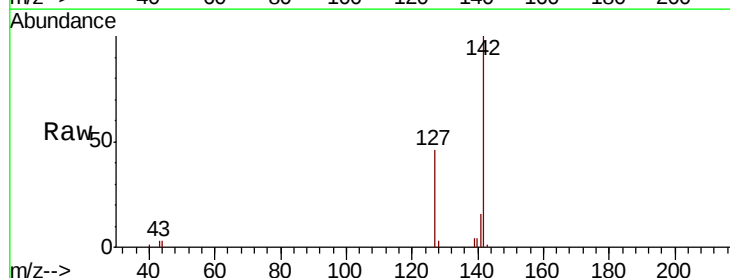
Tgt Ion:142 Resp: 48422

Ion Ratio Lower Upper

142 100

127 44.5 36.1 54.1

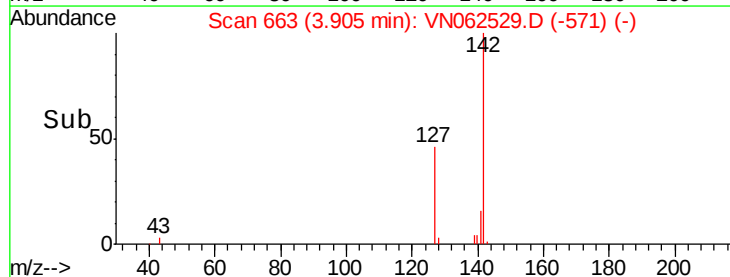
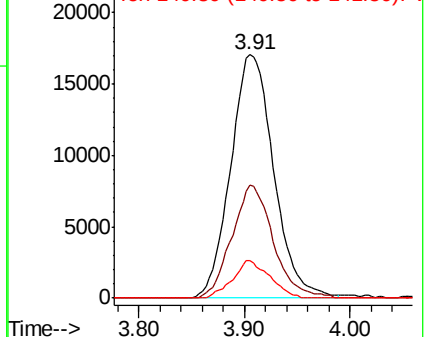
141 13.4 11.4 17.0

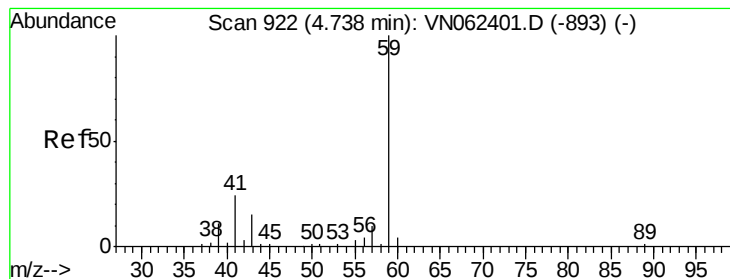


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



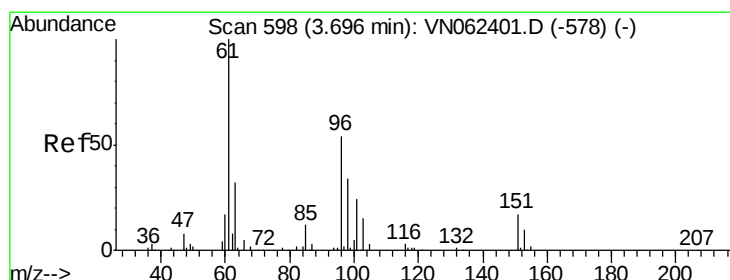
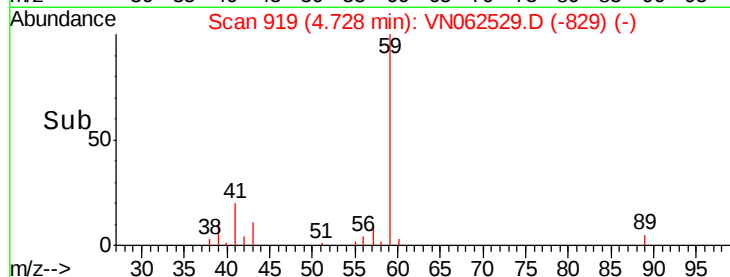
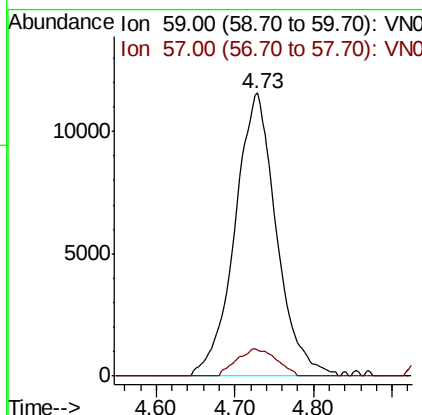
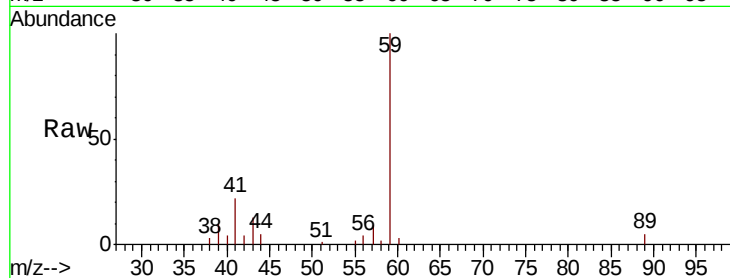


#11

Tert butyl alcohol
 Concen: 80.946 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Instrument :
 MSVOA_N
 ClientSampled :

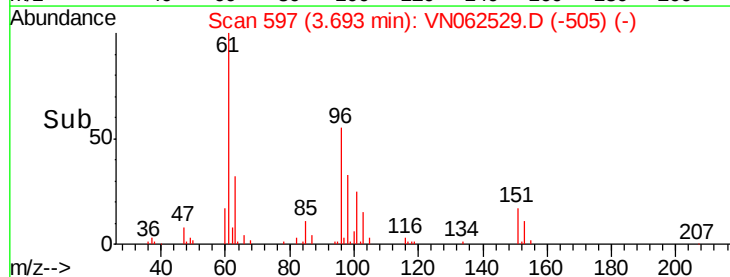
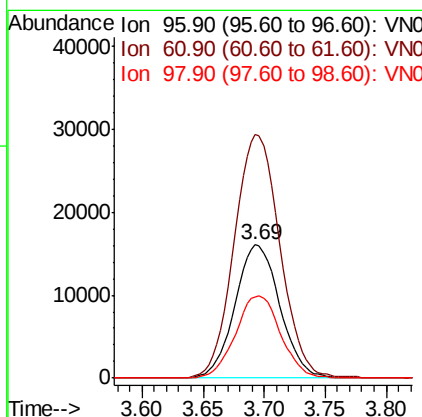
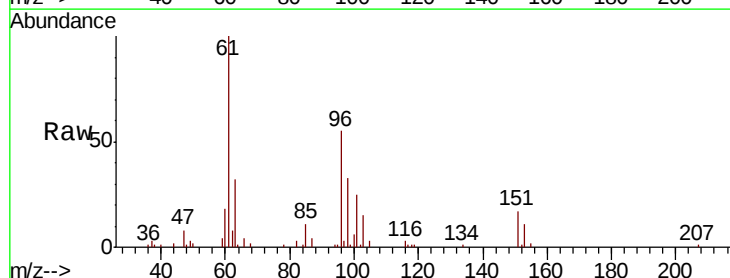
Tot Ion: 59 Resp: 42881
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.8 11.6

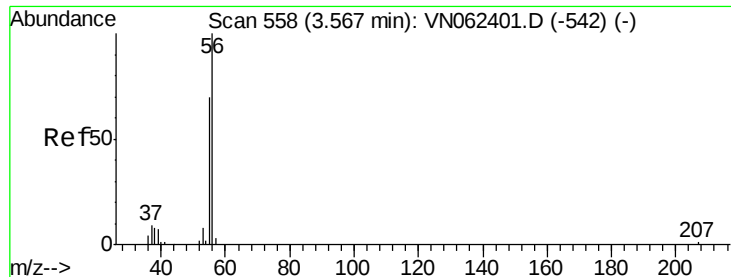


#12

1,1-Dichloroethene
 Concen: 19.202 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Tgt Ion: 96 Resp: 40920
 Ion Ratio Lower Upper
 96 100
 61 183.1 147.4 221.0
 98 61.3 50.4 75.6





#13

Acrolein

Concen: 100.738 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

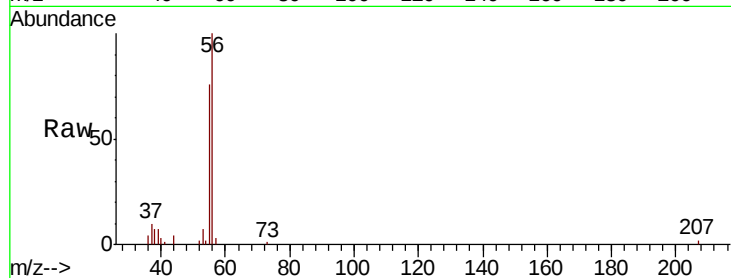
ClientSampleId :

Tot Ion: 56 Resp: 38497

Ion Ratio Lower Upper

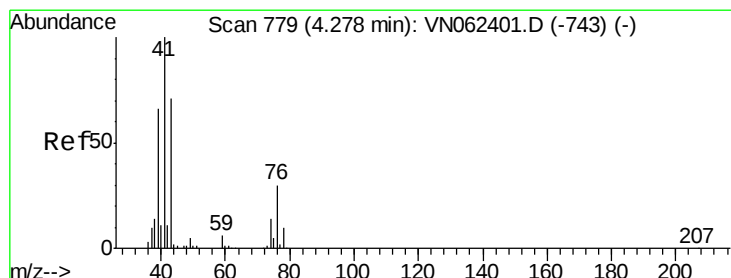
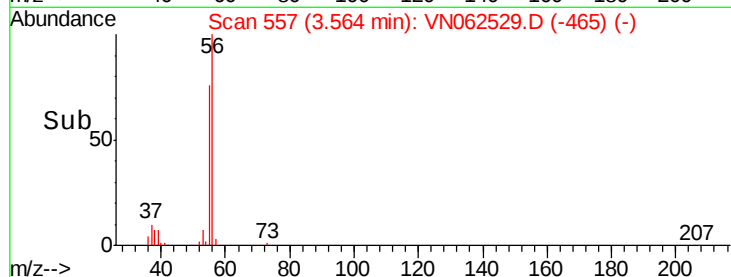
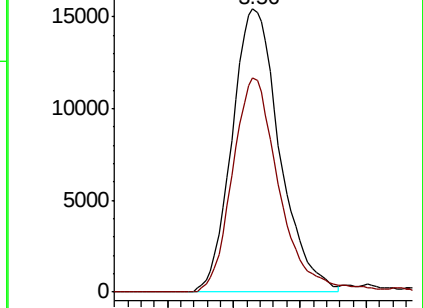
56 100

55 74.4 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN062529.D (-465) (-)

Ion 55.00 (54.70 to 55.70): VN062529.D (-465) (-)



#14

Allyl chloride

Concen: 18.041 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

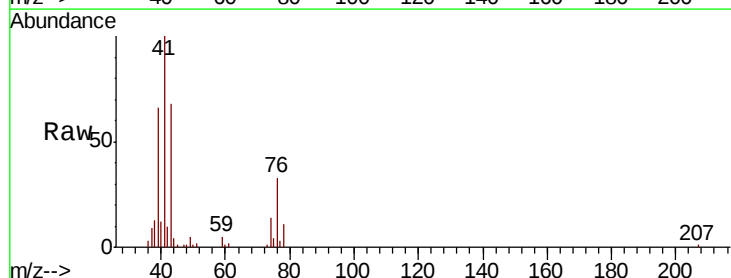
Tgt Ion: 41 Resp: 90423

Ion Ratio Lower Upper

41 100

39 61.9 49.6 74.4

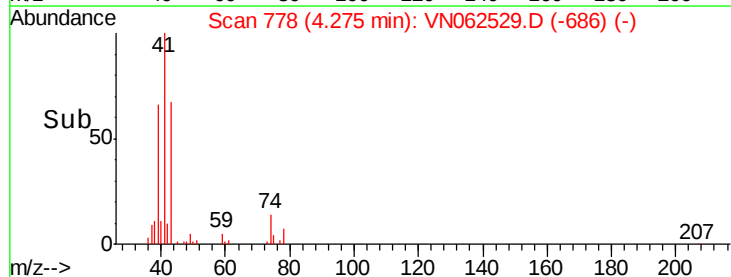
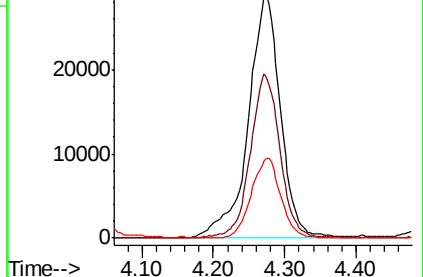
76 29.9 22.2 33.4



Abundance Ion 41.00 (40.70 to 41.70): VN062529.D (-686) (-)

Ion 39.00 (38.70 to 39.70): VN062529.D (-686) (-)

Ion 75.90 (75.60 to 76.60): VN062529.D (-686) (-)





#15

Acrylonitrile

Concen: 88.974 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

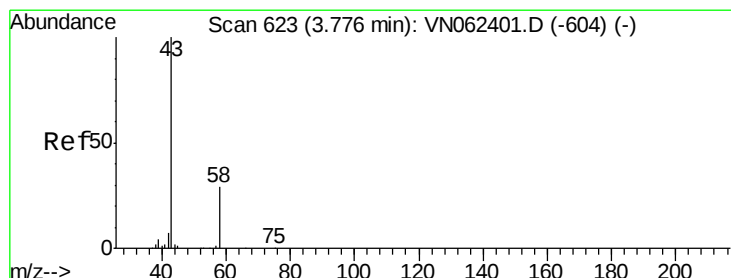
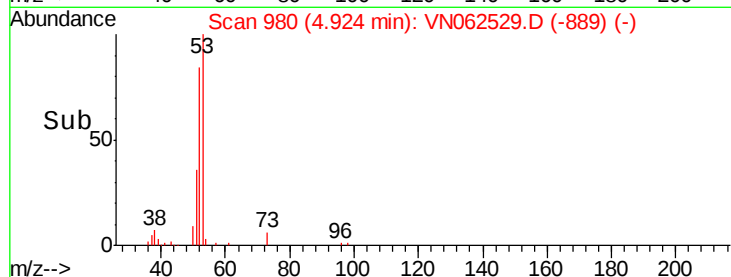
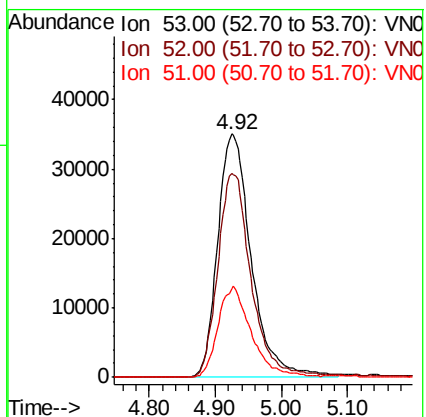
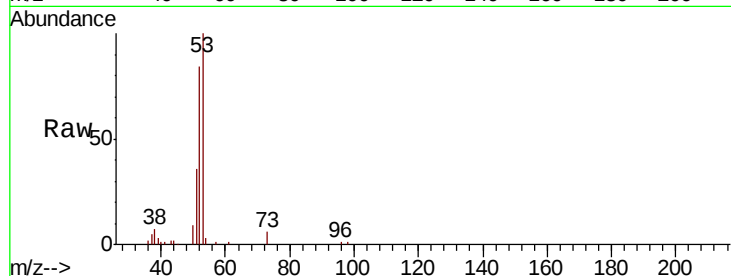
Tot Ion: 53 Resp: 123616

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.4

51 37.1 28.7 43.1



#16

Acetone

Concen: 76.156 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.01 min

Lab File: VN062529.D

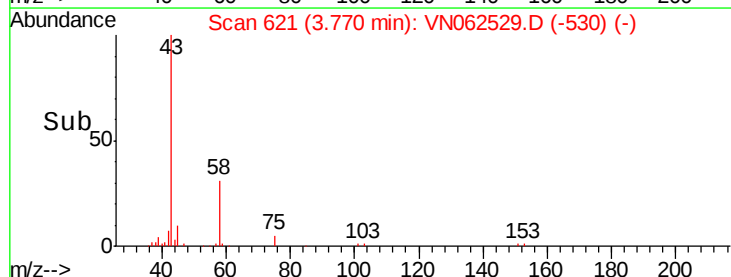
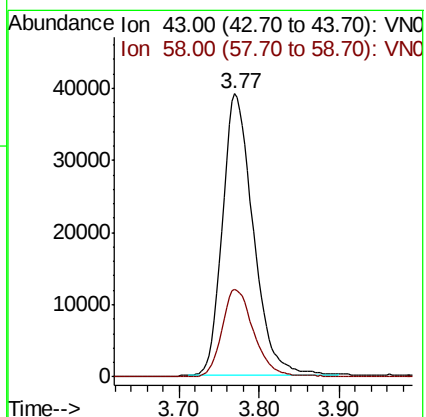
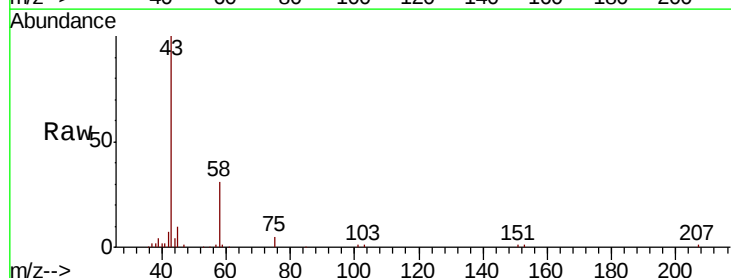
Acq: 15 Jul 2020 12:26

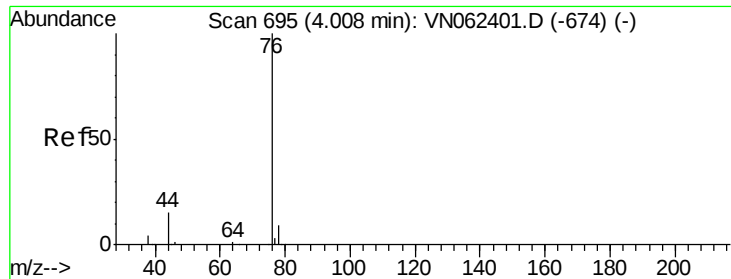
Tgt Ion: 43 Resp: 103254

Ion Ratio Lower Upper

43 100

58 31.2 23.5 35.3

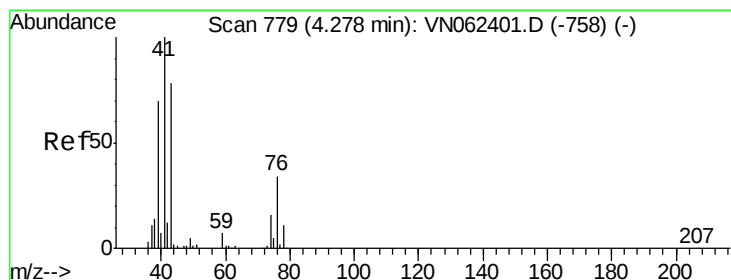
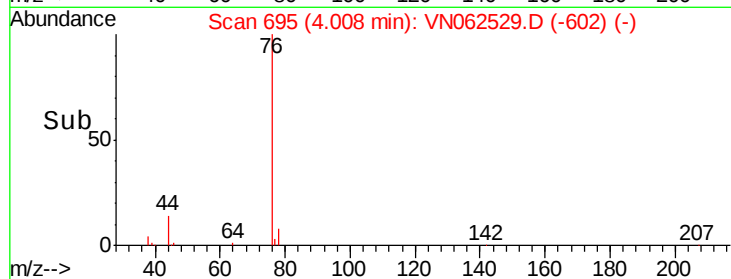
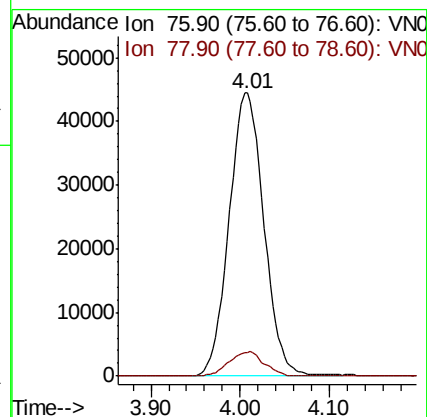
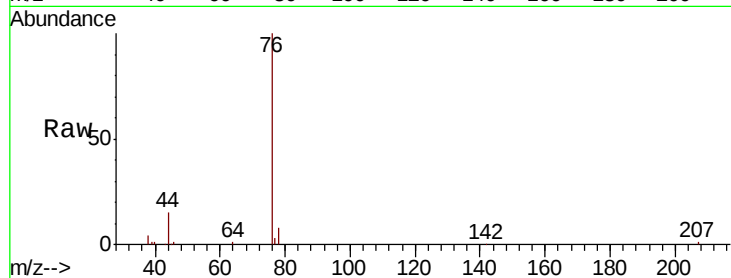




#17
Carbon Disulfide
Concen: 18.001 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

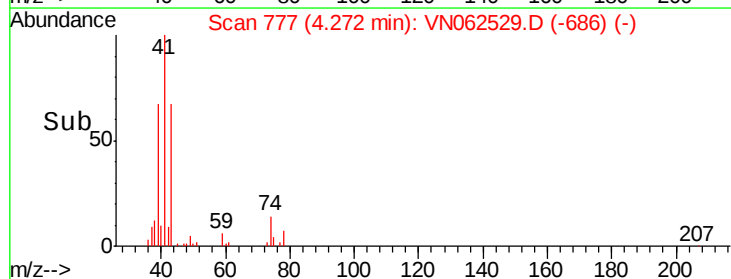
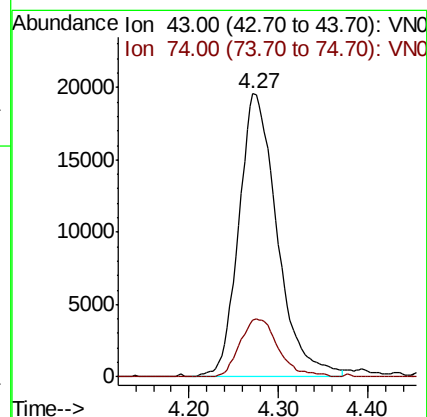
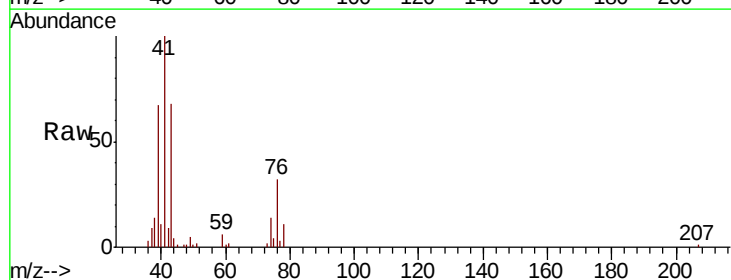
Instrument :
MSVOA_N
ClientSampleId :

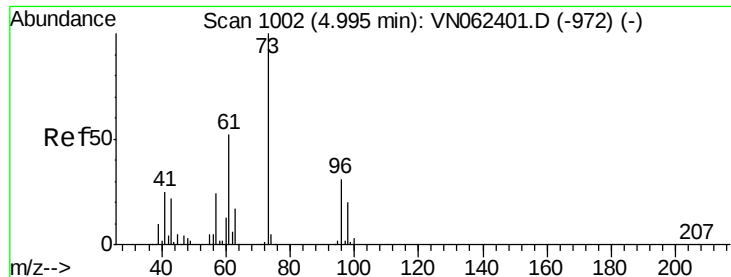
Tot Ion: 76 Resp: 120208
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 17.354 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion: 43 Resp: 58719
Ion Ratio Lower Upper
43 100
74 20.4 16.0 24.0

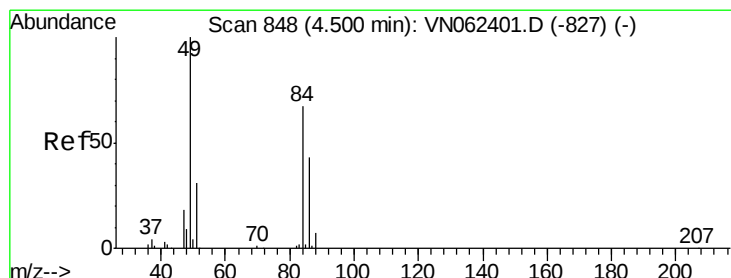
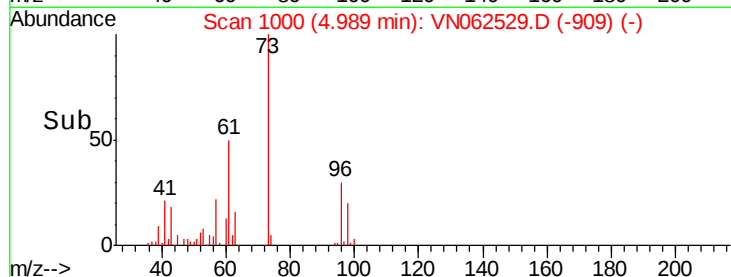
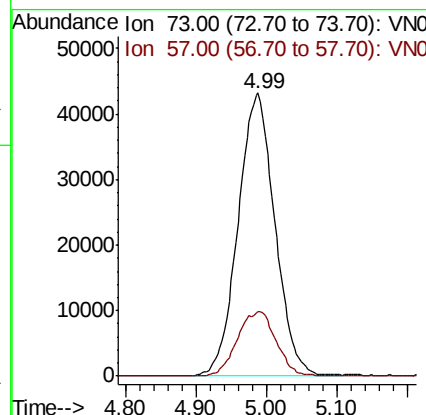
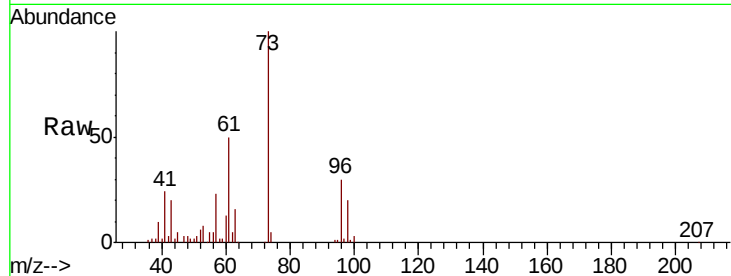




#19
Methvl tert-butvl Ether
Concen: 19.492 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

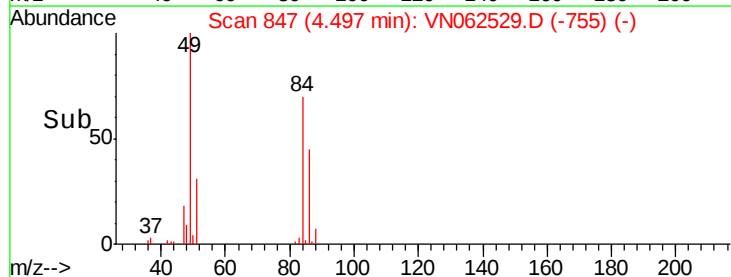
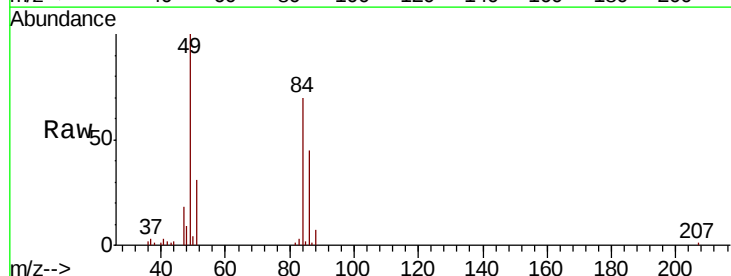
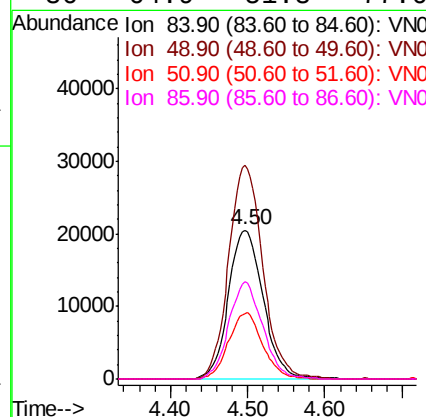
Instrument :
MSVOA_N
ClientSampleId :

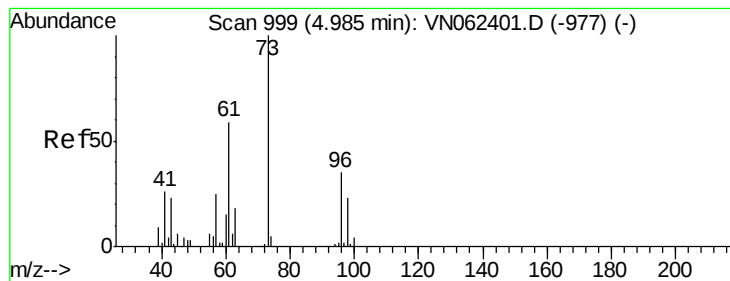
Tot Ion: 73 Resp: 157491
Ion Ratio Lower Upper
73 100
57 22.7 19.4 29.0



#20
Methylene Chloride
Concen: 22.067 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion: 84 Resp: 63971
Ion Ratio Lower Upper
84 100
49 143.2 120.0 180.0
51 44.2 37.0 55.6
86 64.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.771 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

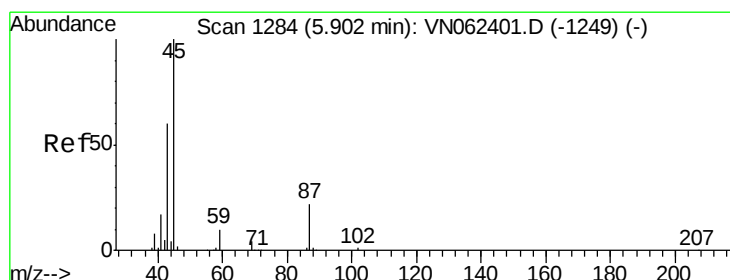
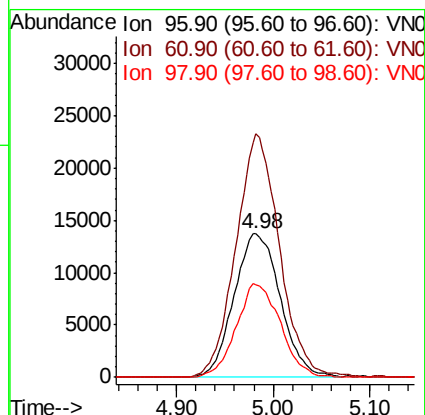
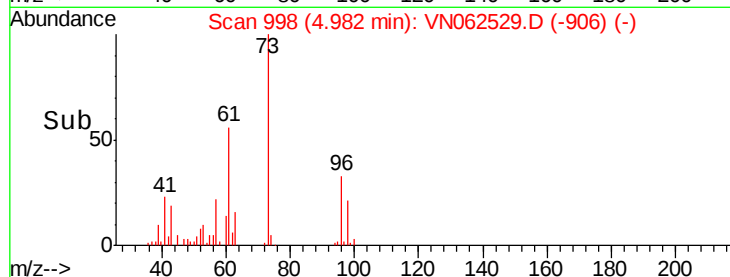
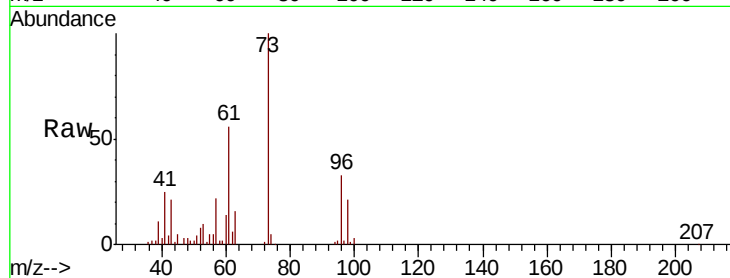
Tot Ion: 96 Resp: 45644

Ion Ratio Lower Upper

96 100

61 169.8 133.5 200.3

98 64.9 51.9 77.9



#22

Diisopropyl ether

Concen: 19.413 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Tgt Ion: 45 Resp: 192226

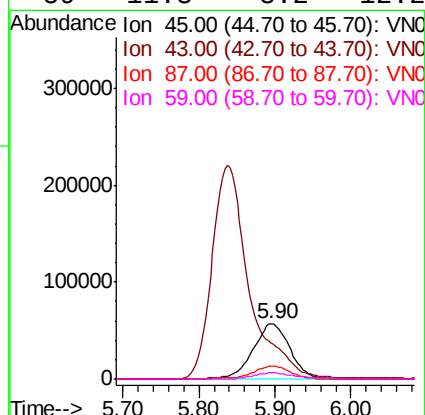
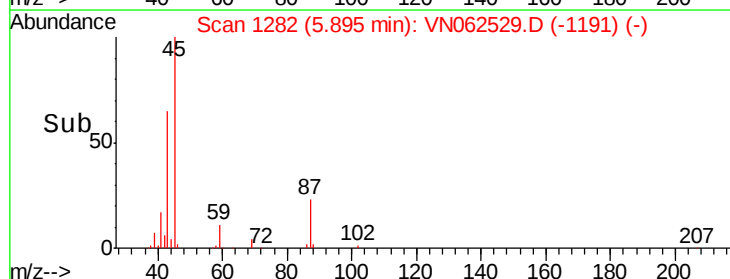
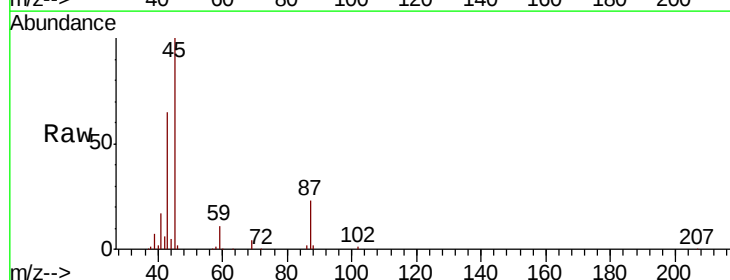
Ion Ratio Lower Upper

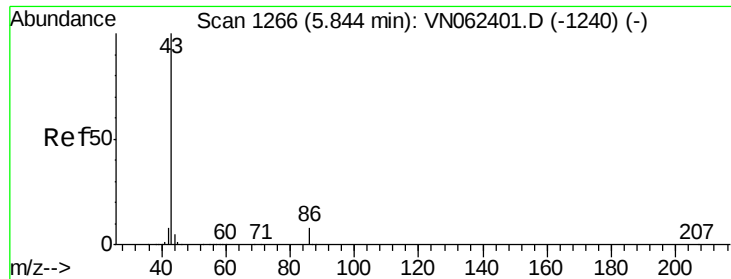
45 100

43 62.1 50.1 75.1

87 23.2 18.2 27.4

59 11.3 8.2 12.2





#23

Vinyl Acetate

Concen: 92.213 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

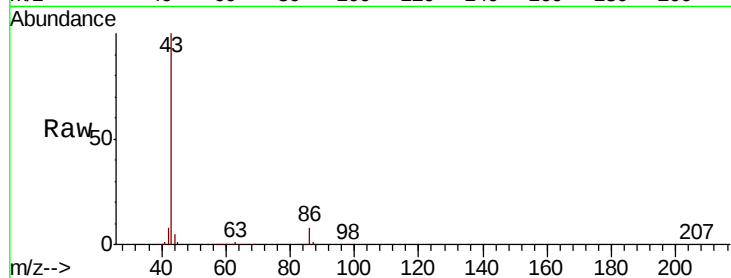
ClientSampleId :

Tot Ion: 43 Resp: 756397

Ion Ratio Lower Upper

43 100

86 8.4 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

250000

200000

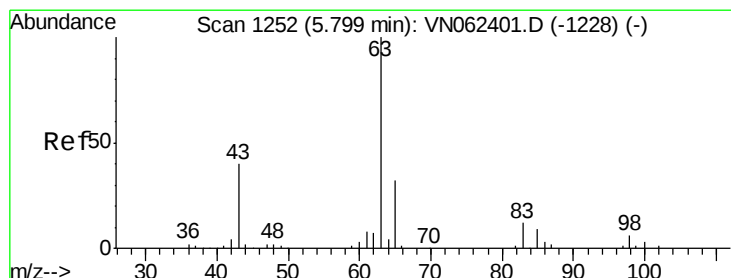
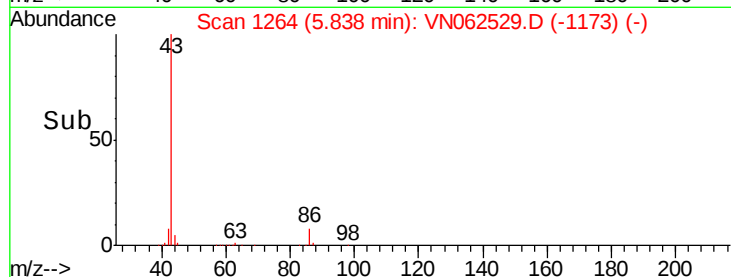
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.322 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

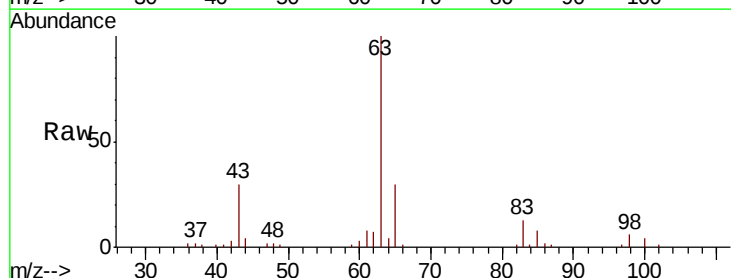
Tgt Ion: 63 Resp: 98864

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 3.6 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

5.79

40000

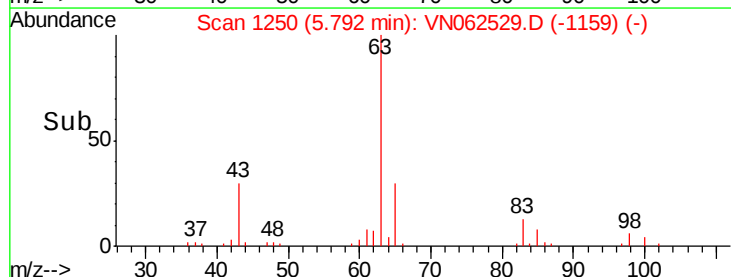
30000

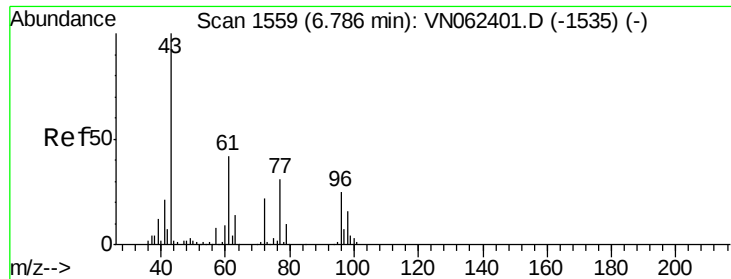
20000

10000

0

Time-->

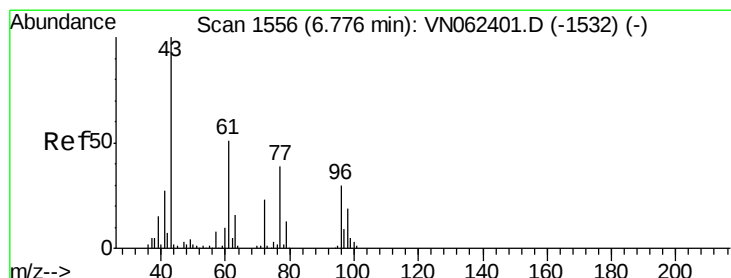
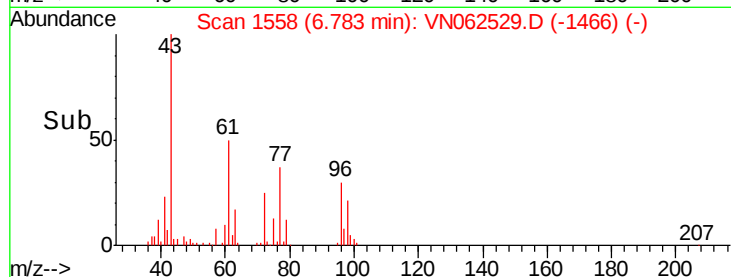
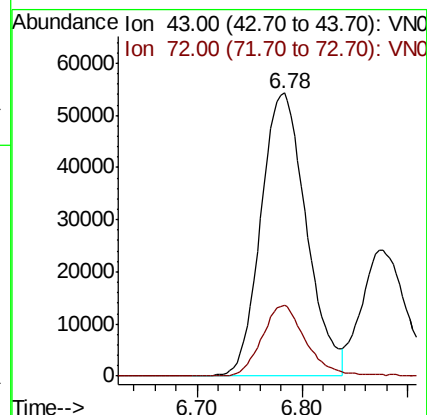
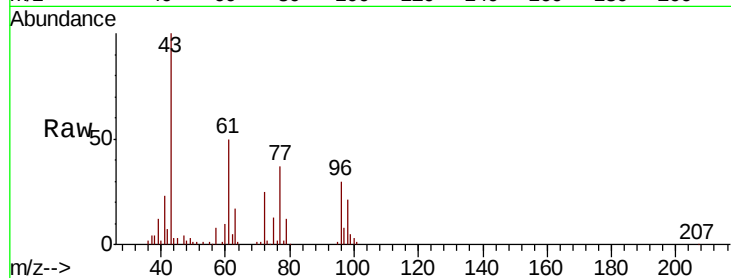




#25
2-Butanone
Concen: 82.204 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

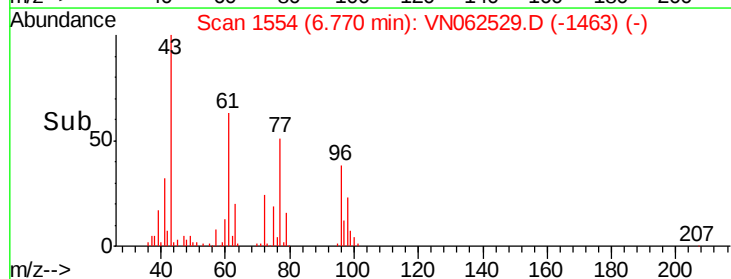
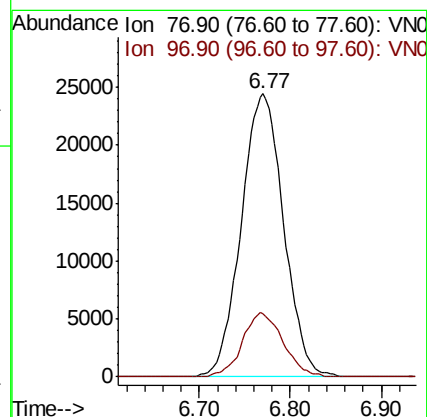
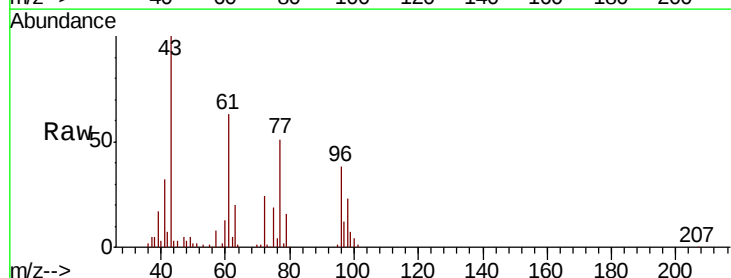
Instrument :
MSVOA_N
ClientSampled :

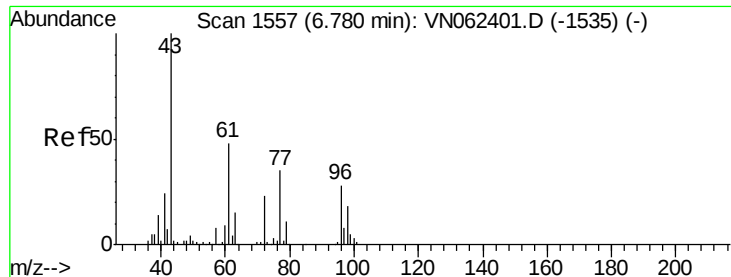
Tot Ion: 43 Resp: 162773
Ion Ratio Lower Upper
43 100
72 25.0 17.9 26.9



#26
2,2-Dichloropropane
Concen: 20.111 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion: 77 Resp: 78900
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.827 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :
MSVOA_N
ClientSampled :

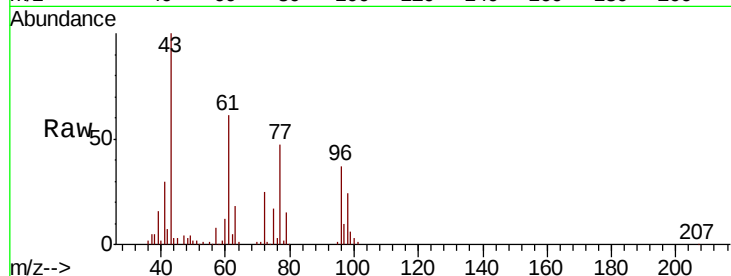
Tot Ion: 96 Resp: 53018

Ion Ratio Lower Upper

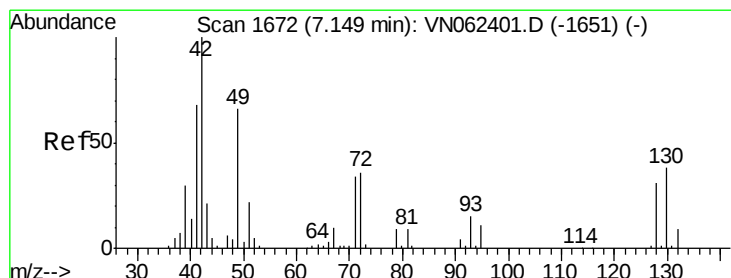
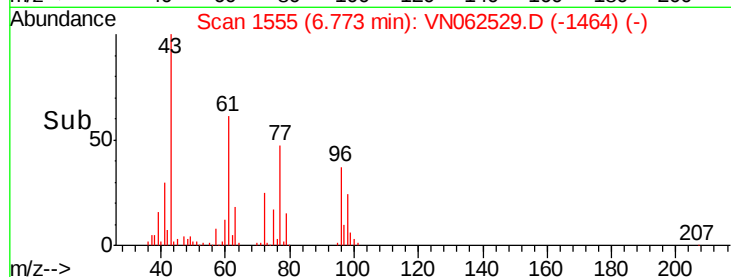
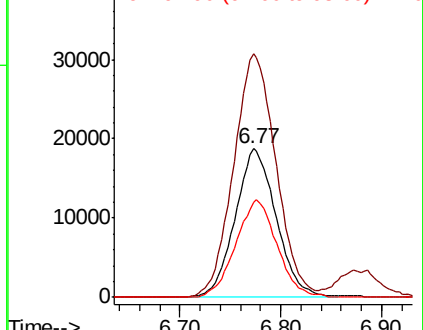
96 100

61 168.9 0.0 343.4

98 65.6 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: 18.670 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

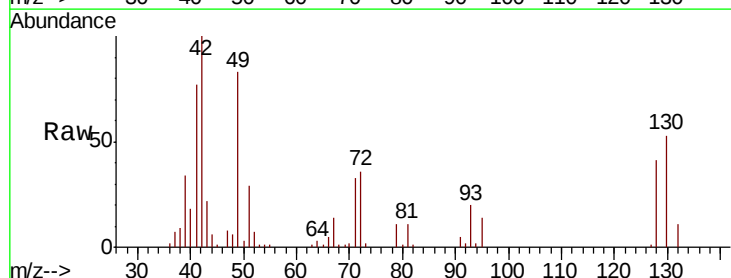
Tgt Ion: 49 Resp: 51900

Ion Ratio Lower Upper

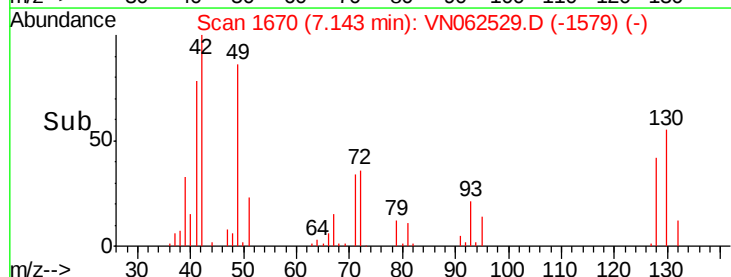
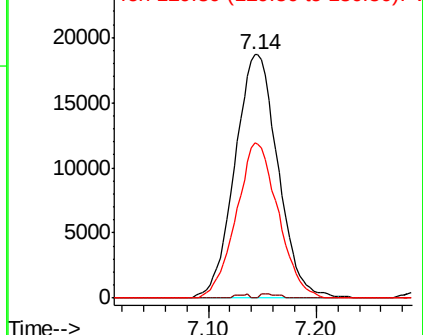
49 100

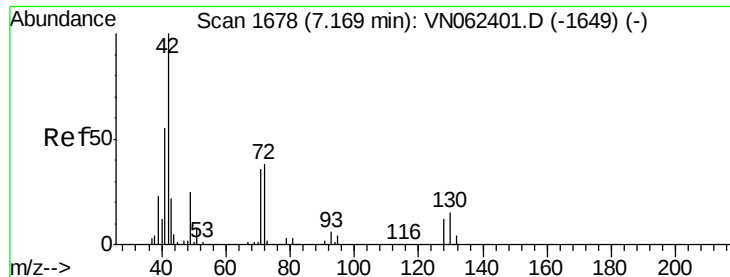
129 0.5 0.0 2.8

130 62.0 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

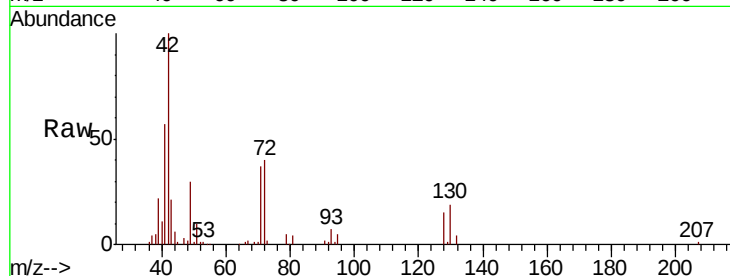




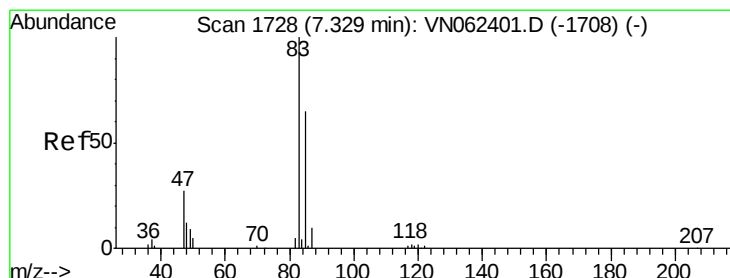
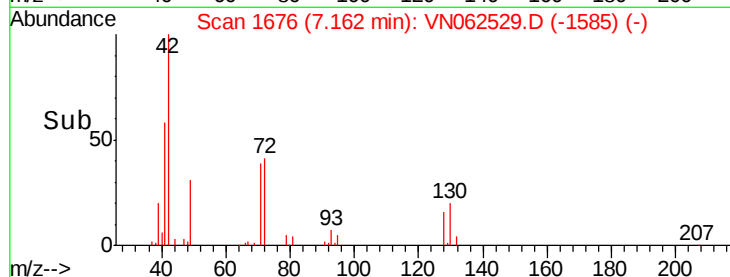
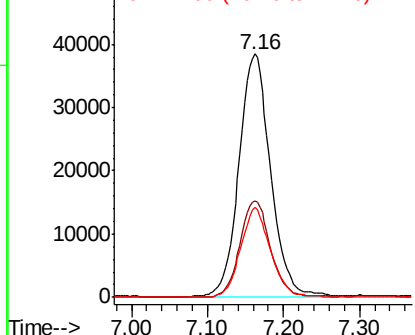
#29
Tetrahydrofuran
Concen: 83.889 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 111834
Ion Ratio Lower Upper
42 100
72 37.9 29.1 43.7
71 34.6 28.1 42.1

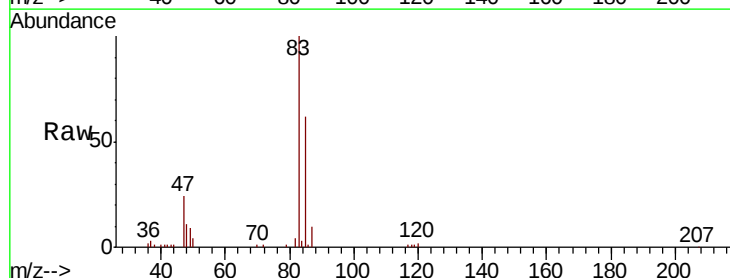


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

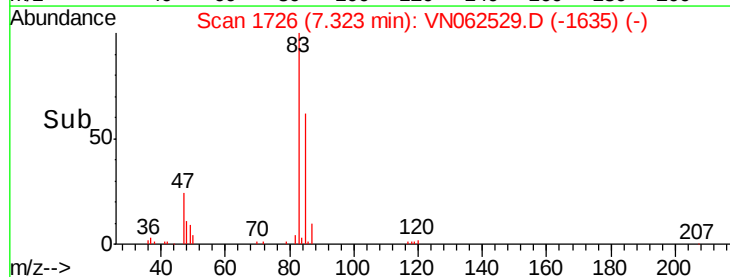
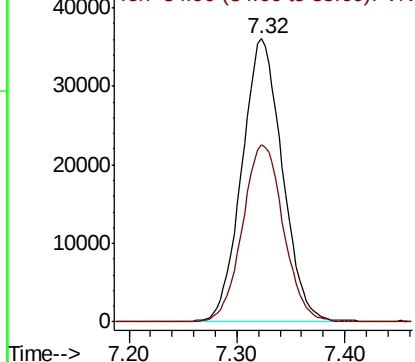


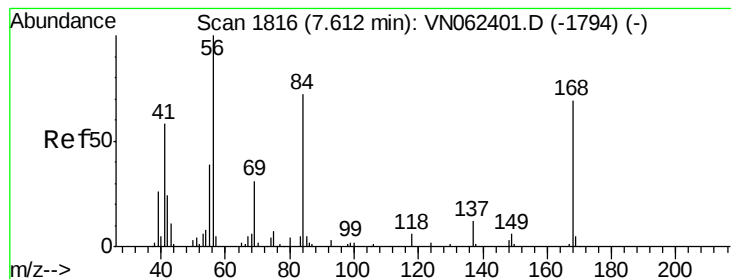
#30
Chloroform
Concen: 20.330 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion: 83 Resp: 93922
Ion Ratio Lower Upper
83 100
85 62.4 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: 18.259 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :
MSVOA_N
ClientSampleId :

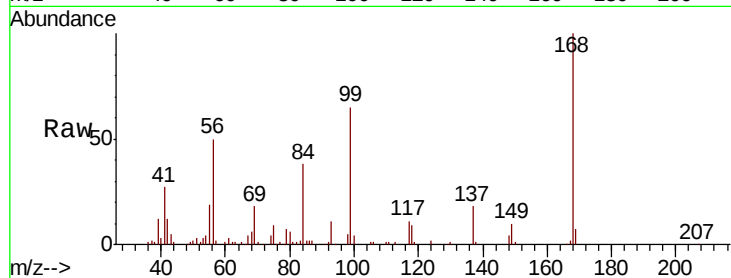
Tot Ion: 56 Resp: 88571

Ion Ratio Lower Upper

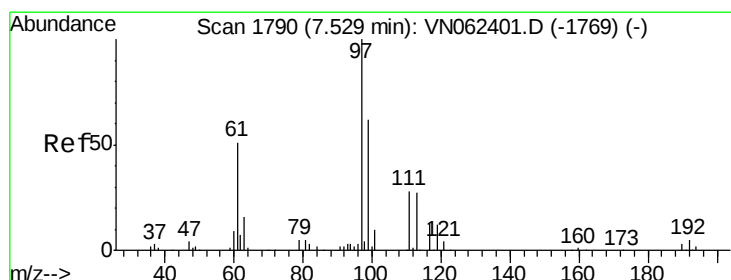
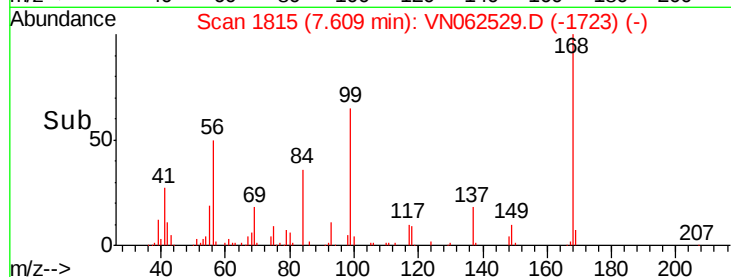
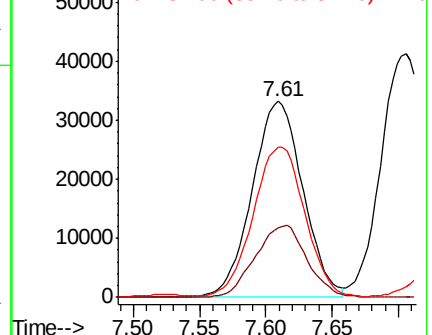
56 100

69 35.5 24.5 36.7

84 75.8 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: 20.482 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

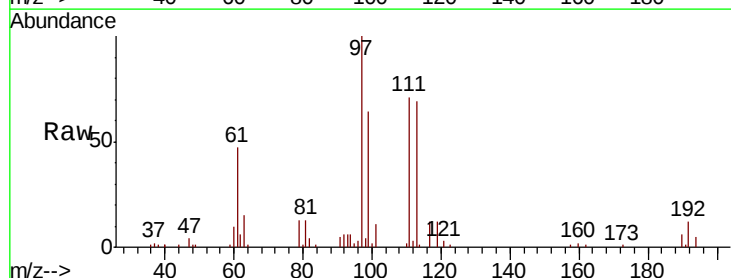
Tgt Ion: 97 Resp: 78711

Ion Ratio Lower Upper

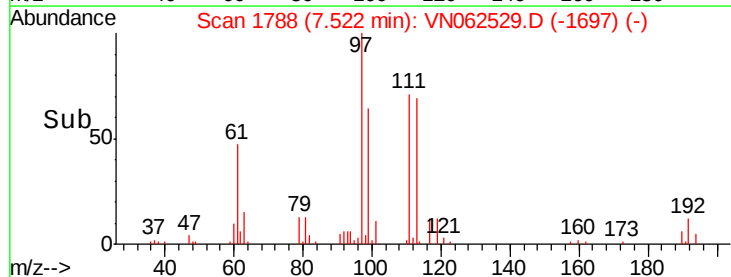
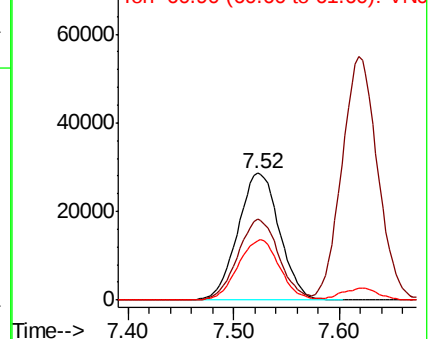
97 100

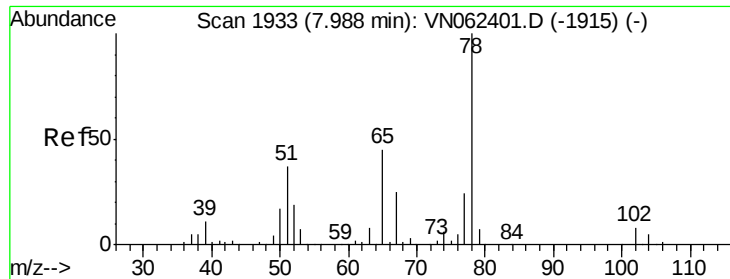
99 62.7 50.4 75.6

61 47.3 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

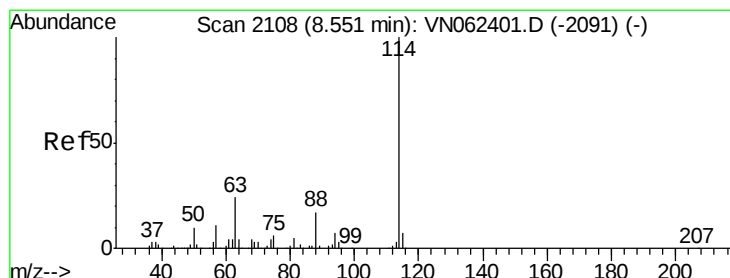
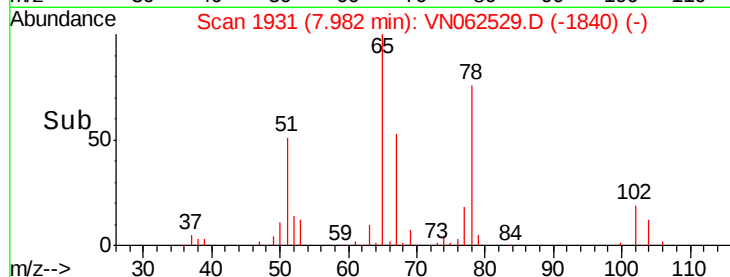
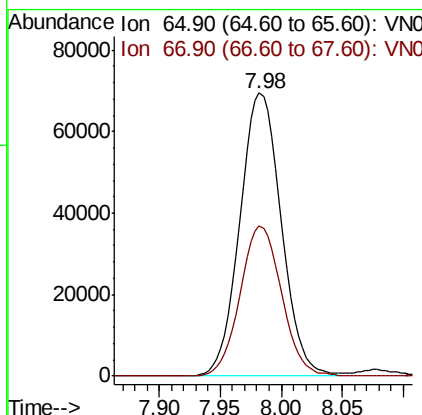
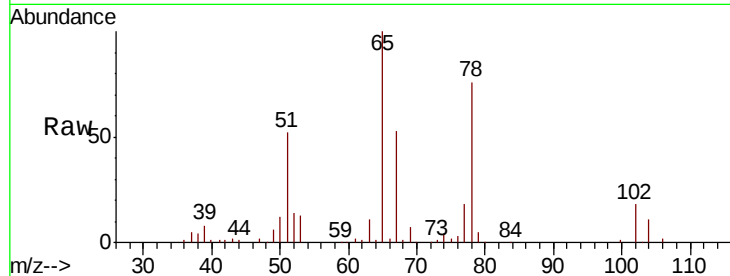




#33
 1,2-Dichloroethane-d4
 Concen: 51.056 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

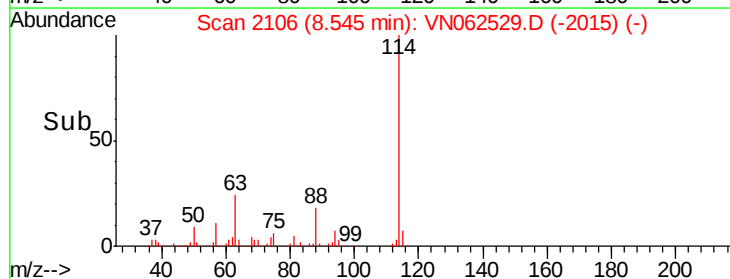
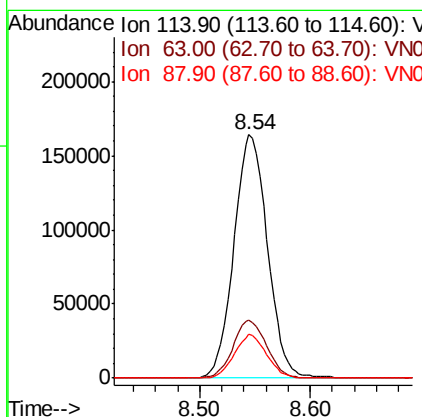
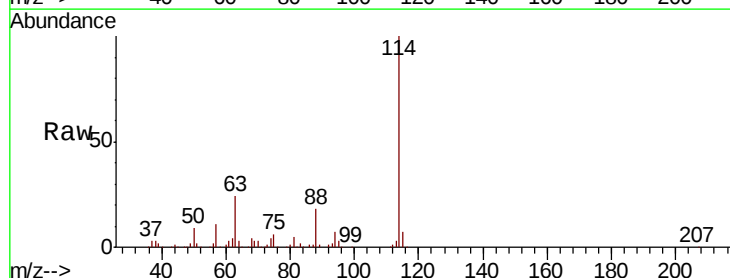
Instrument :
 MSVOA_N
 ClientSampled :

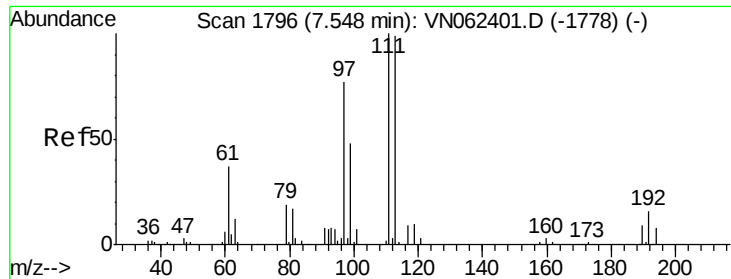
Tot Ion: 65 Resp: 163049
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Tgt Ion: 114 Resp: 346018
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 48.4
 88 17.8 0.0 33.8

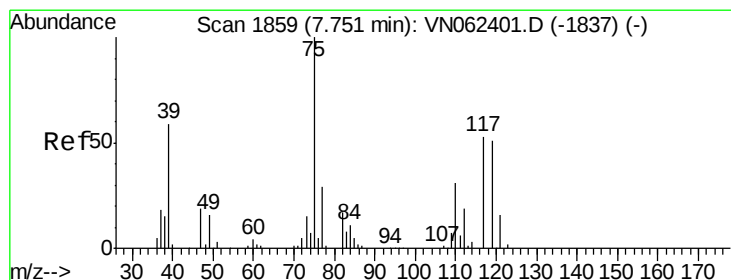
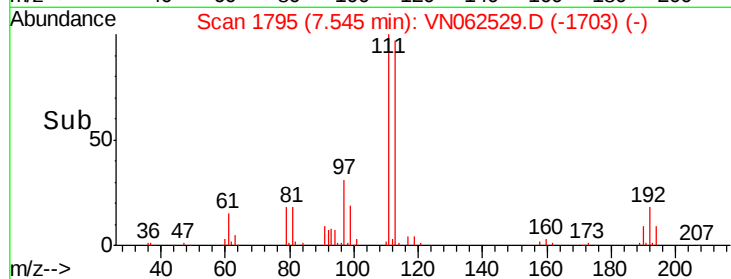
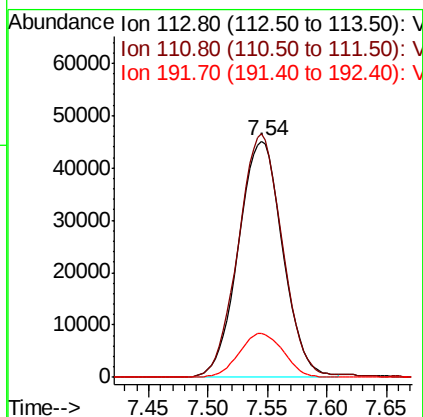
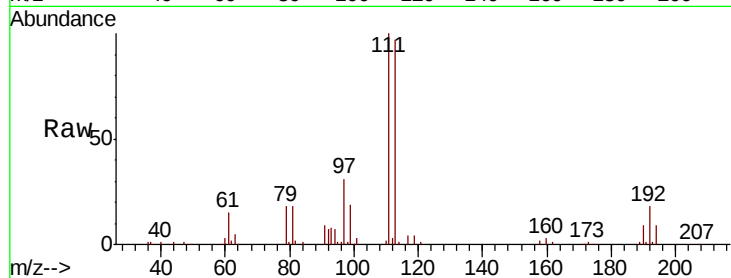




#35
 Dibromofluoromethane
 Concen: 54.413 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

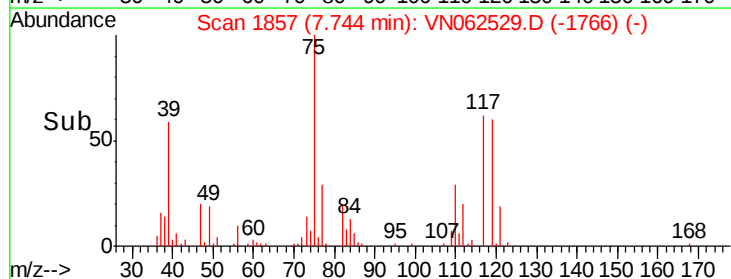
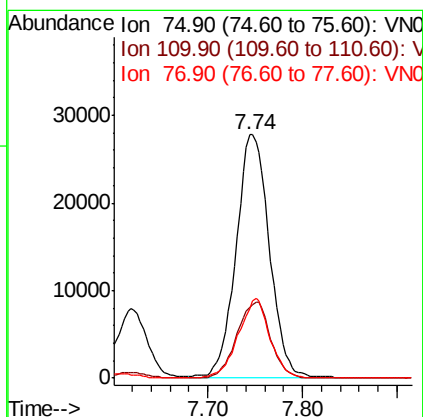
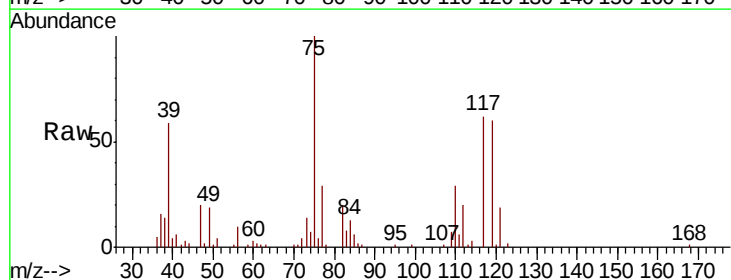
Instrument :
 MSVOA_N
 ClientSampleId :

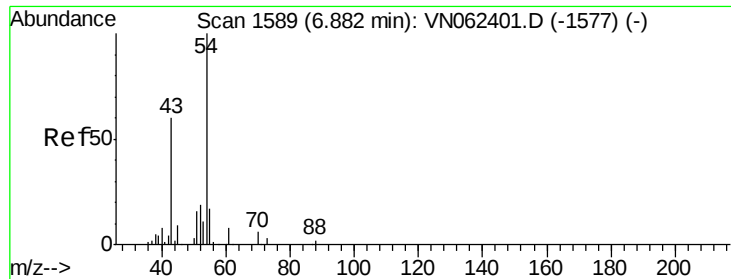
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.1	124.7
192	18.6	14.1	21.1



#36
 1,1-Dichloropropene
 Concen: 19.587 ug/l
 RT: 7.74 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	15.4	46.2
77	30.8	24.1	36.1

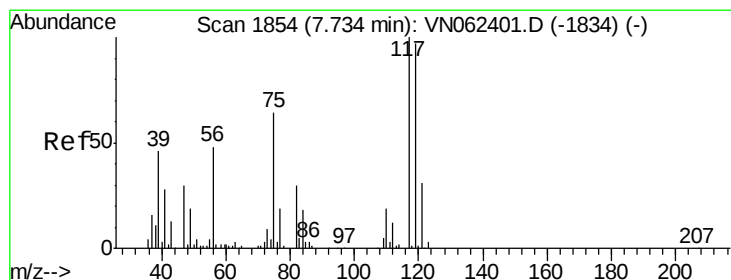
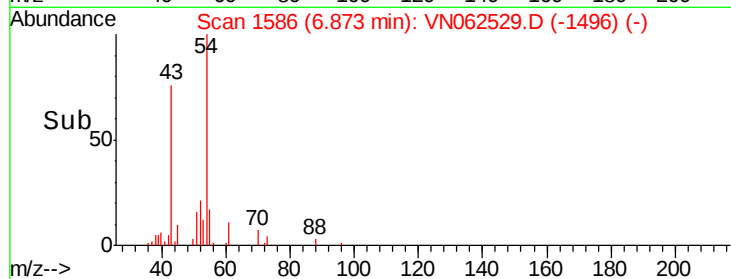
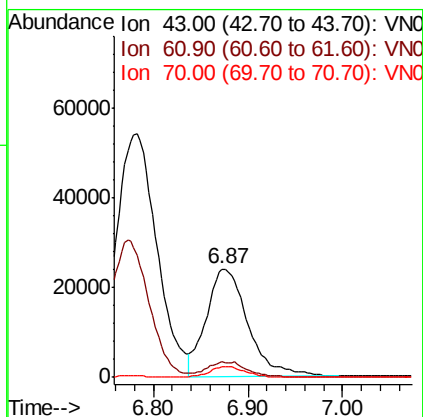
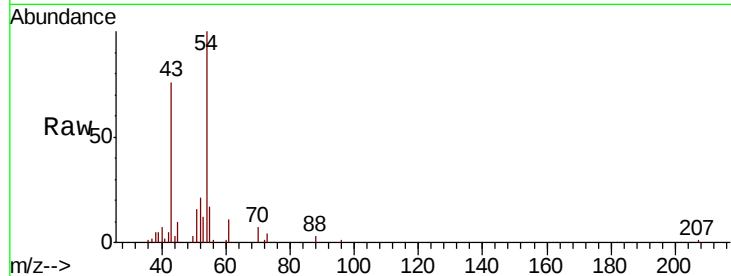




#37
Ethyl Acetate
Concen: 17.956 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

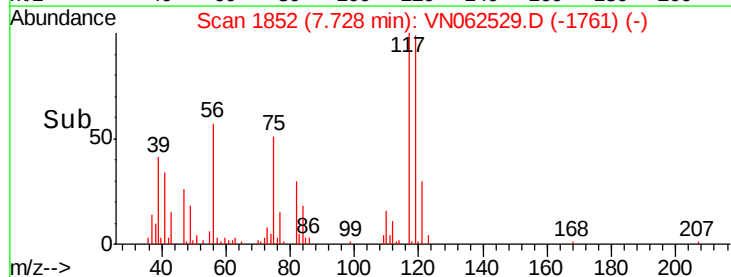
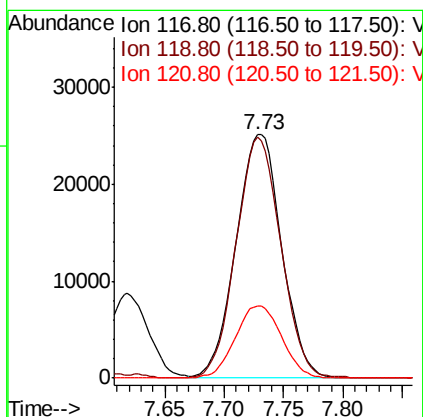
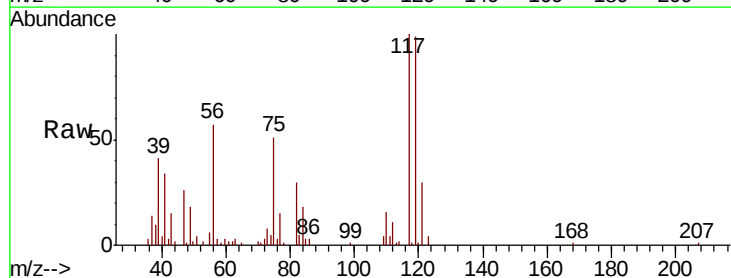
Instrument :
MSVOA_N
ClientSampleId :

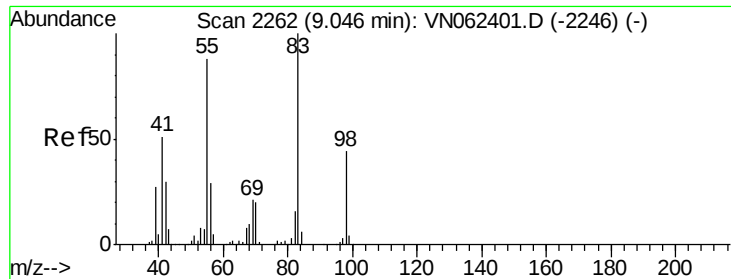
Tot Ion: 43 Resp: 73195
Ion Ratio Lower Upper
43 100
61 4.6 10.7 16.1#
70 8.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.310 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion: 117 Resp: 66788
Ion Ratio Lower Upper
117 100
119 98.8 77.2 115.8
121 29.8 24.8 37.2

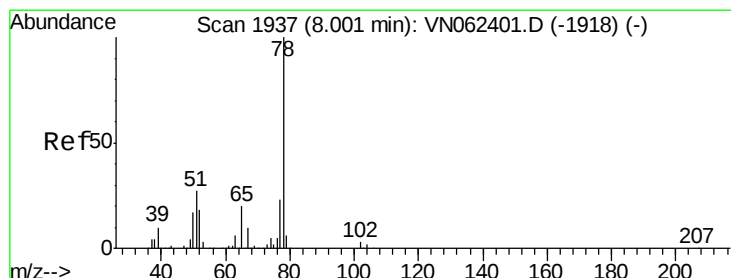
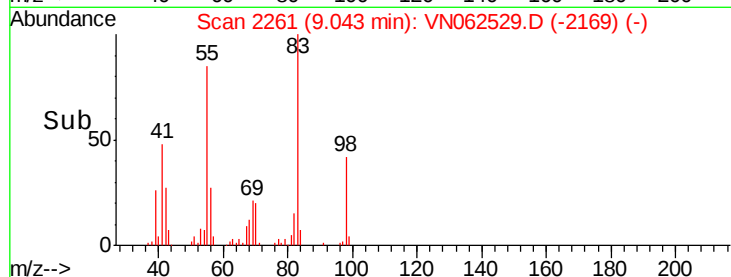
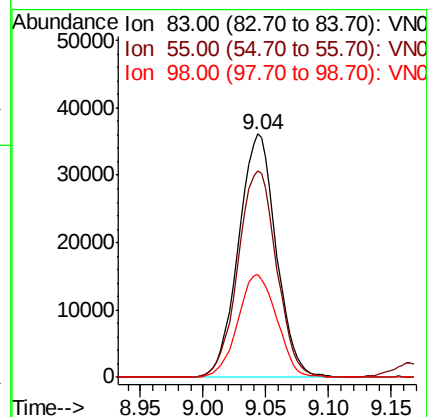
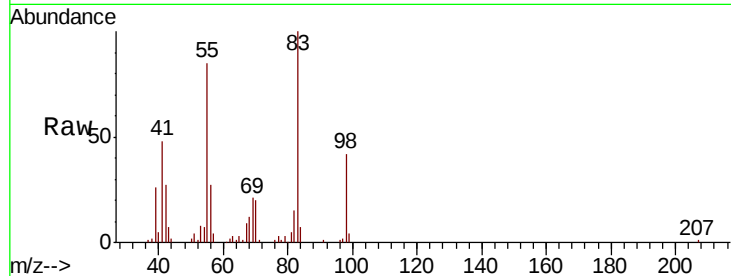




#39
Methvlcvclohexane
Concen: 20.300 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

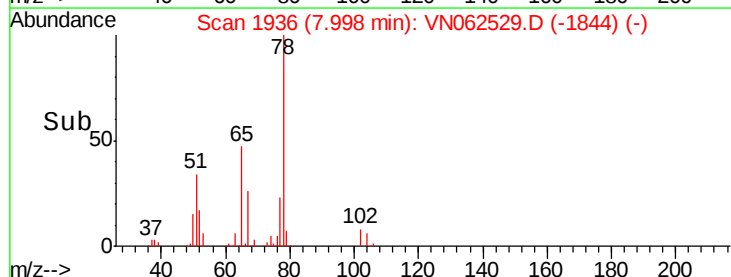
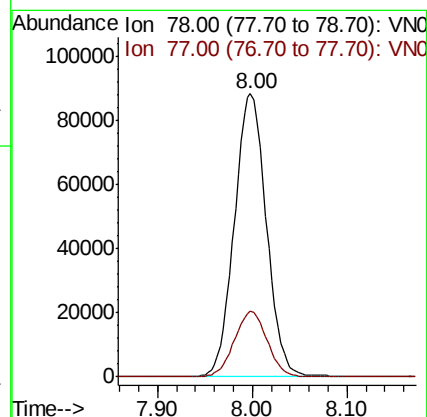
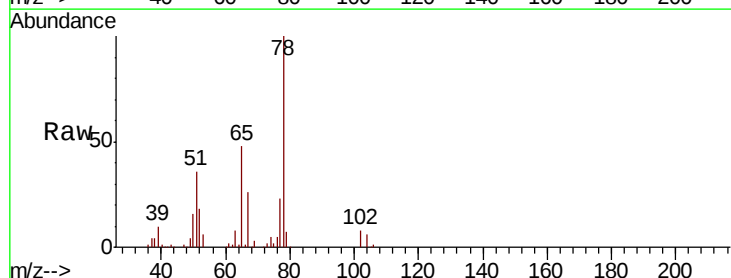
Instrument :
MSVOA_N
ClientSampleId :

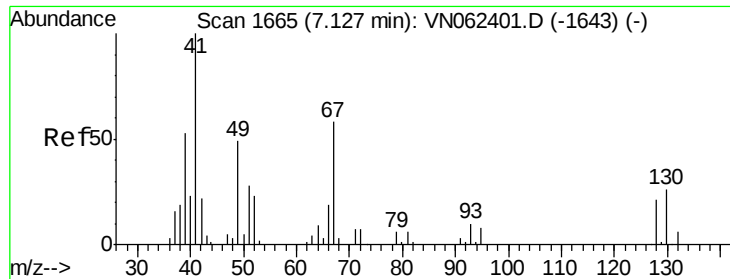
Tot Ion: 83 Resp: 75552
Ion Ratio Lower Upper
83 100
55 84.8 70.5 105.7
98 42.0 35.5 53.3



#40
Benzene
Concen: 20.238 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion: 78 Resp: 207934
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

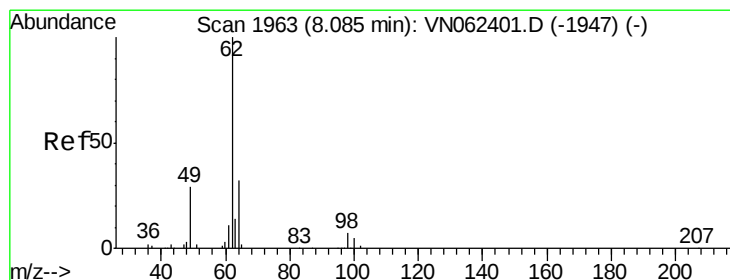
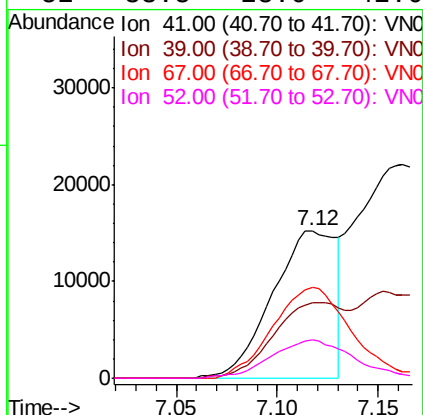
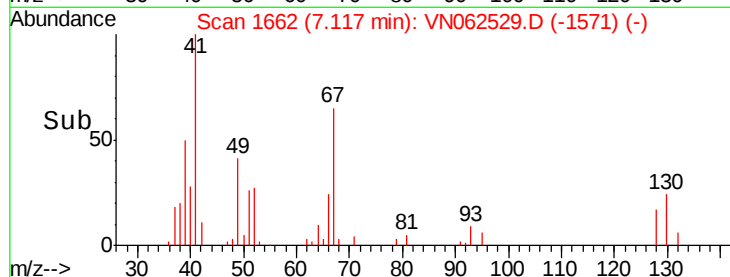
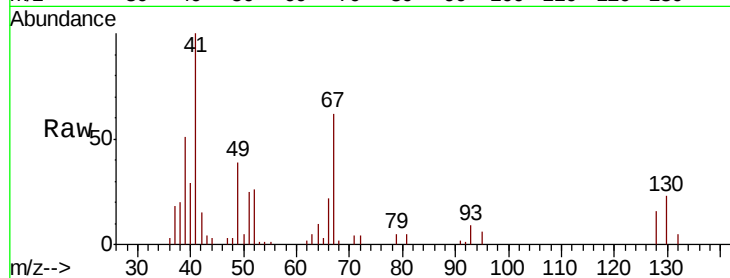




#41
Methacrylonitrile
Concen: 19.625 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

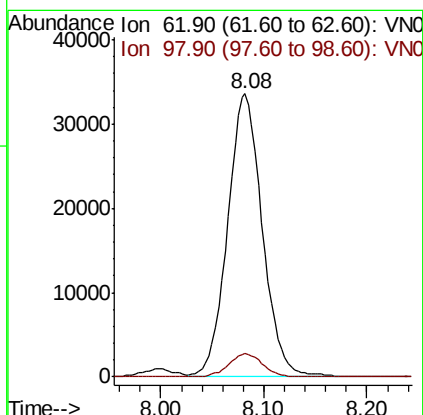
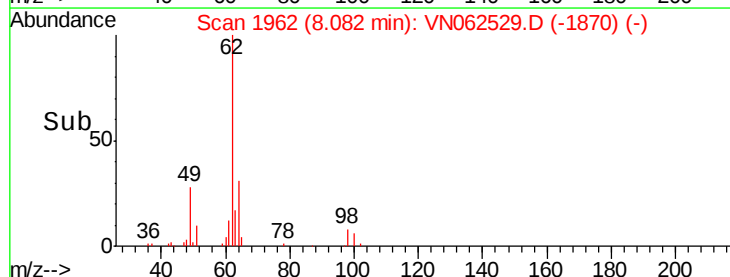
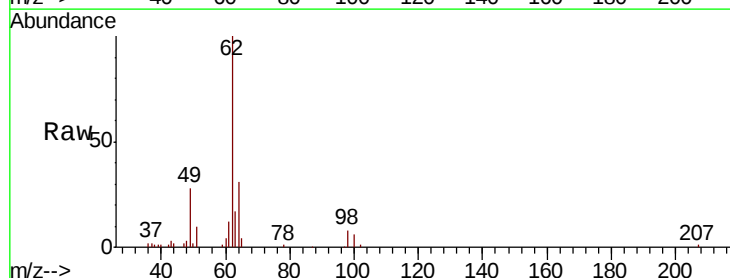
Instrument :
MSVOA_N
ClientSampled :

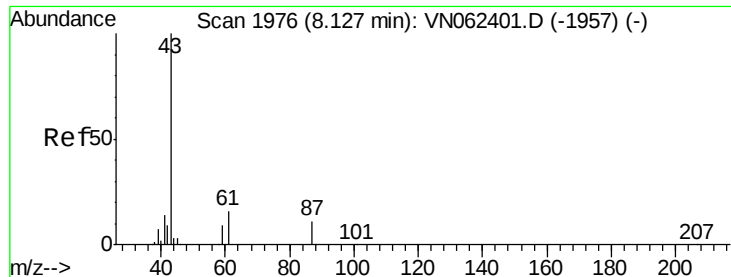
Tot Ion: 41 Resp: 33423
Ion Ratio Lower Upper
41 100
39 54.9 50.2 75.2
67 76.7 64.2 96.2
52 33.8 28.0 42.0



#42
1,2-Dichloroethane
Concen: 20.904 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion: 62 Resp: 78641
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 18.417 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

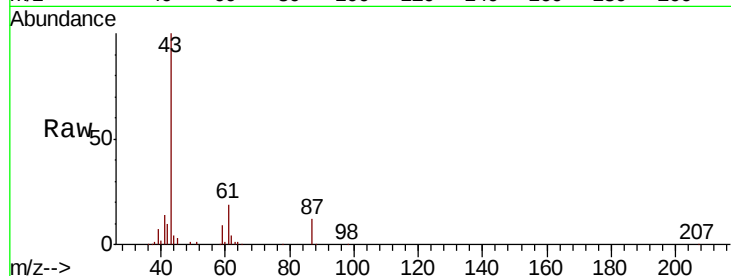
Tot Ion: 43 Resp: 118594

Ion Ratio Lower Upper

43 100

61 18.8 19.3 28.9#

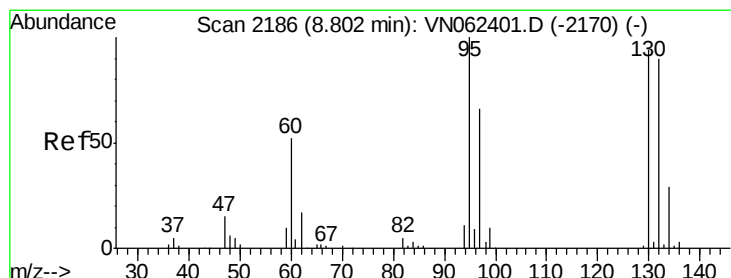
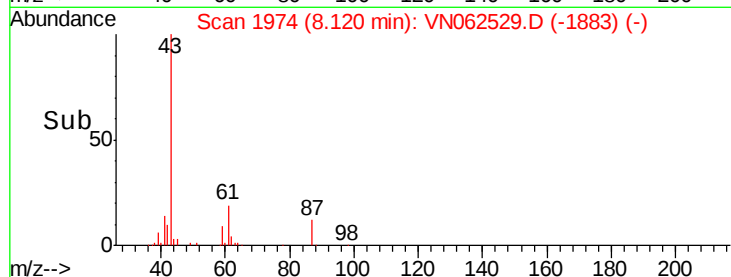
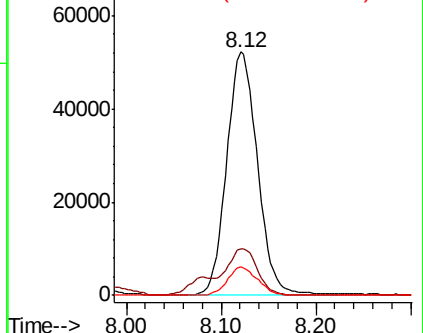
87 11.4 8.6 13.0



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: 21.112 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062529.D

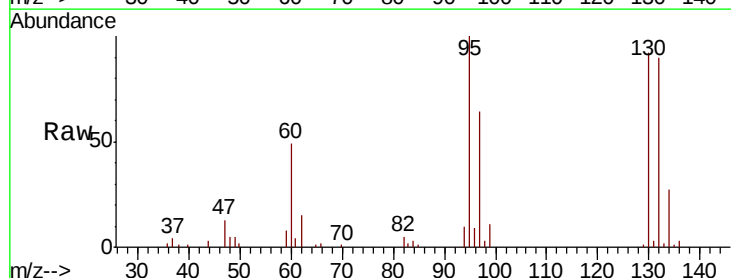
Acq: 15 Jul 2020 12:26

Tgt Ion:130 Resp: 48127

Ion Ratio Lower Upper

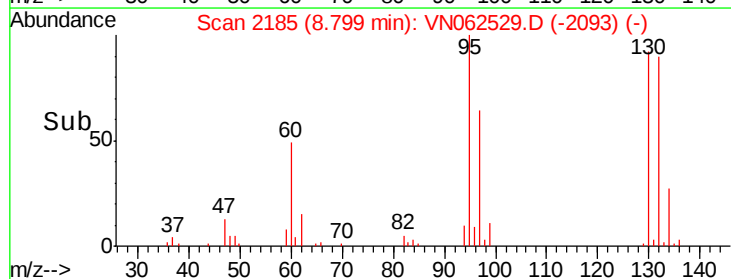
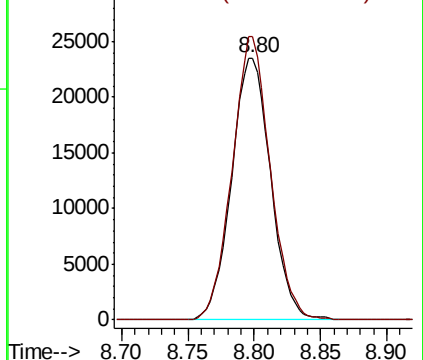
130 100

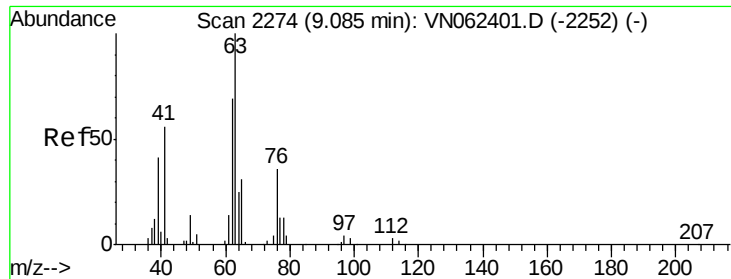
95 108.2 0.0 213.8



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: 20.274 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

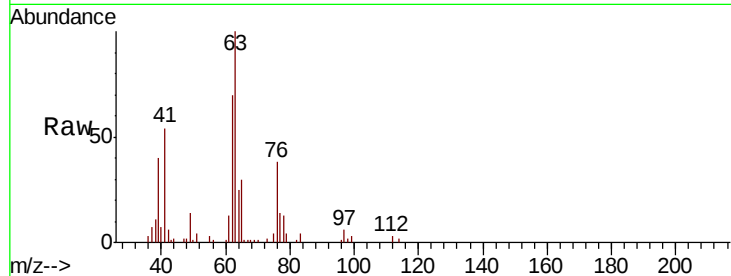
ClientSampleId :

Tot Ion: 63 Resp: 60470

Ion Ratio Lower Upper

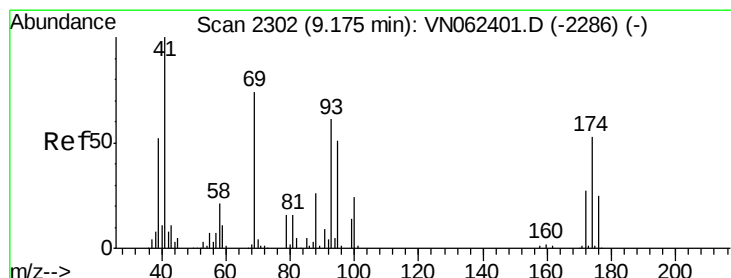
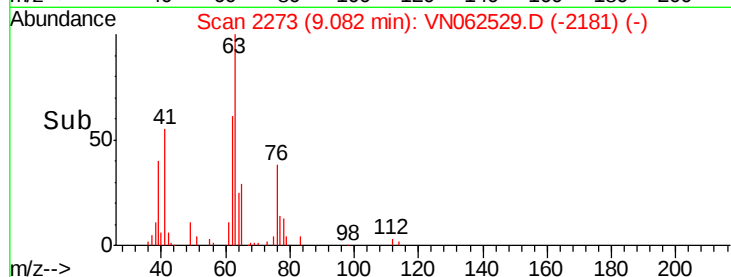
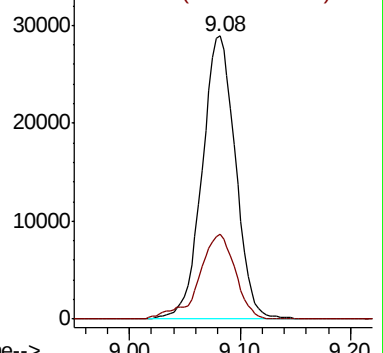
63 100

65 29.8 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: 20.126 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

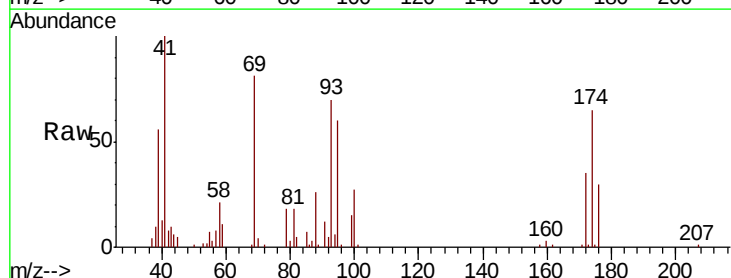
Tgt Ion: 93 Resp: 33875

Ion Ratio Lower Upper

93 100

95 84.8 67.1 100.7

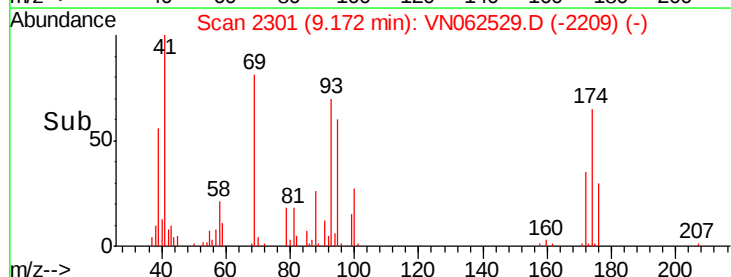
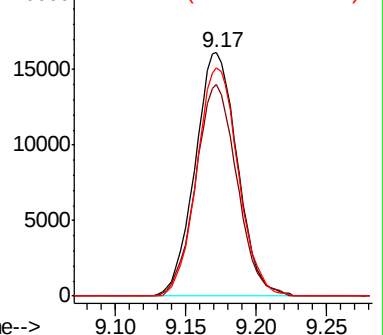
174 91.7 70.4 105.6

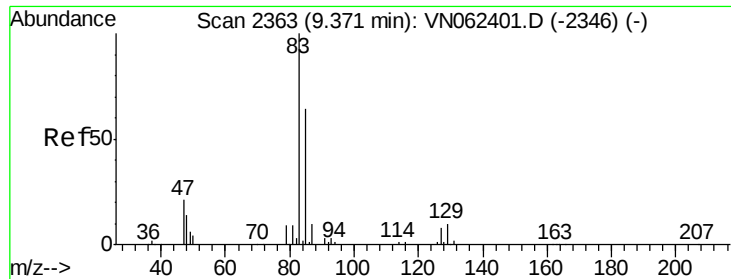


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.875 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

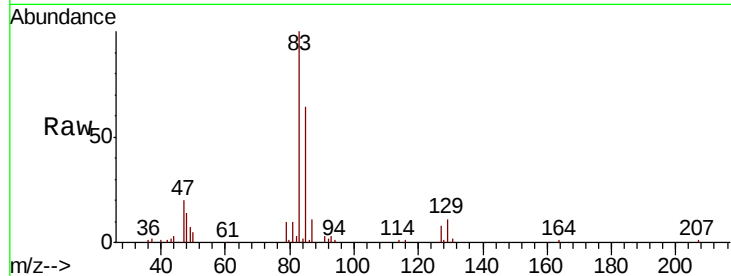
Tot Ion: 83 Resp: 75120

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

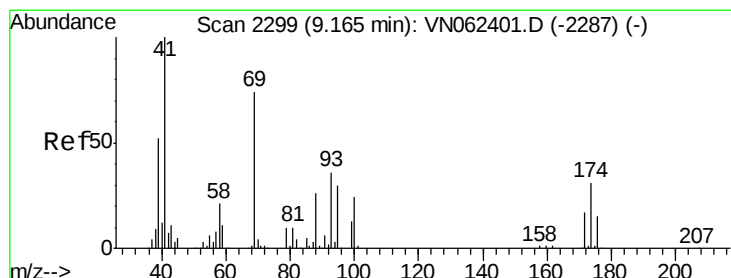
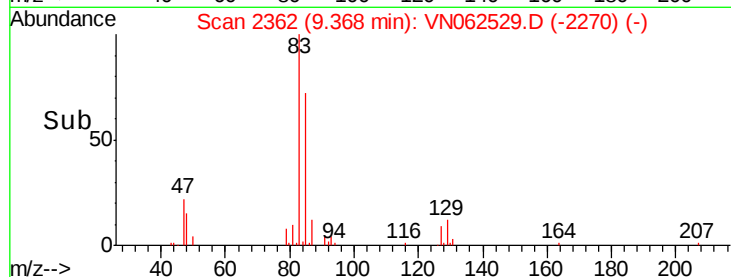
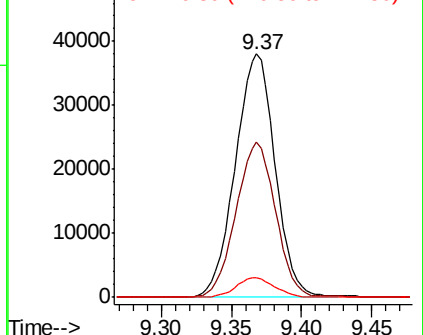
127 7.9 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062529.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062529.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062529.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.092 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

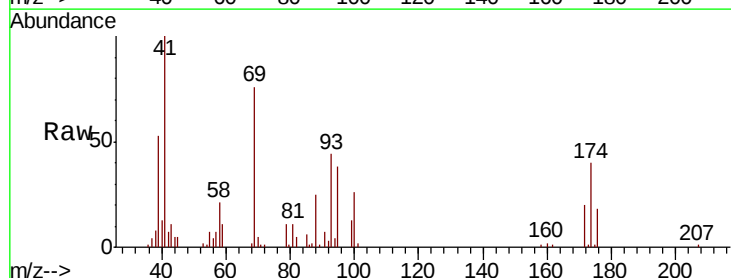
Tgt Ion: 41 Resp: 53990

Ion Ratio Lower Upper

41 100

69 80.8 60.8 91.2

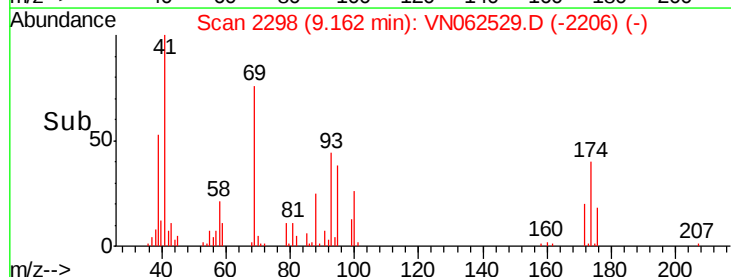
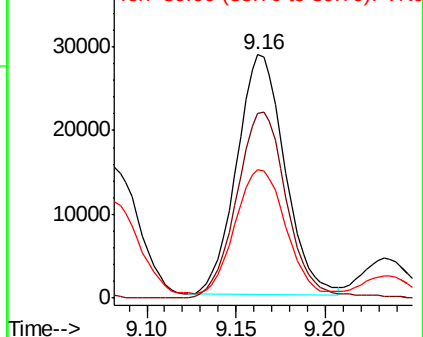
39 53.7 43.5 65.3

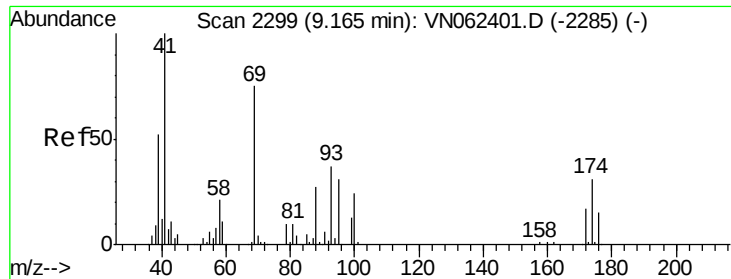


Abundance Ion 41.00 (40.70 to 41.70): VN062529.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062529.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062529.D (-2206) (-)

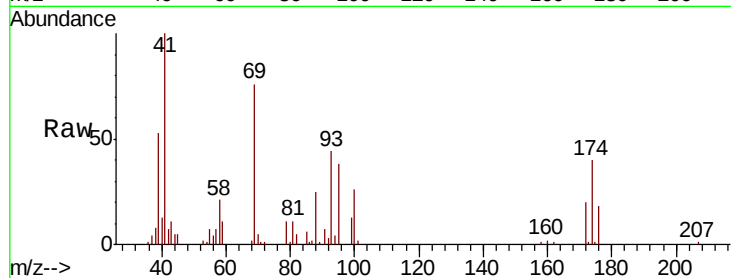




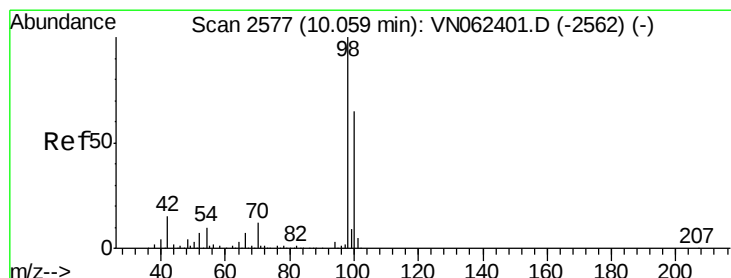
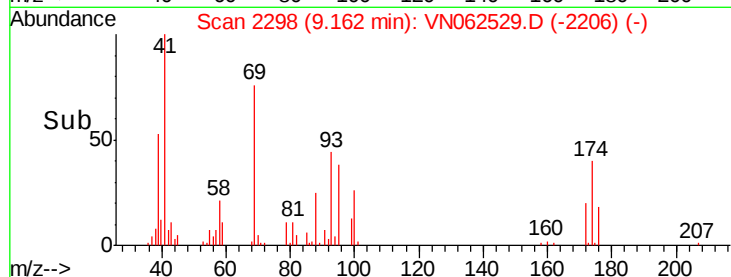
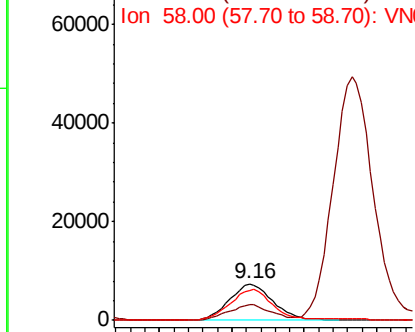
#49
1,4-Dioxane
Concen: 336.914 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 15490
Ion Ratio Lower Upper
88 100
43 42.3 31.0 46.4
58 81.5 63.3 94.9

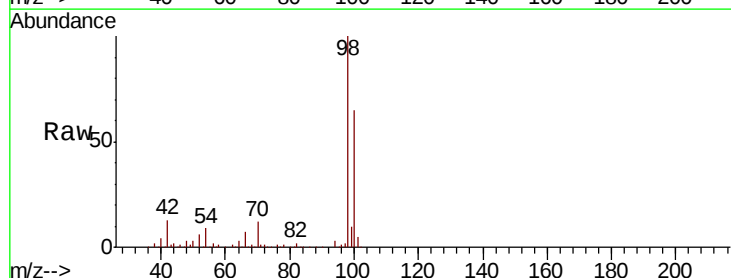


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

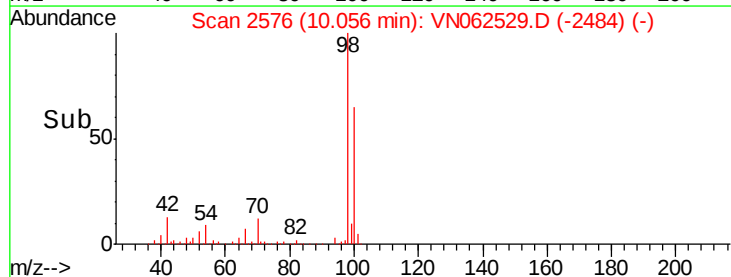
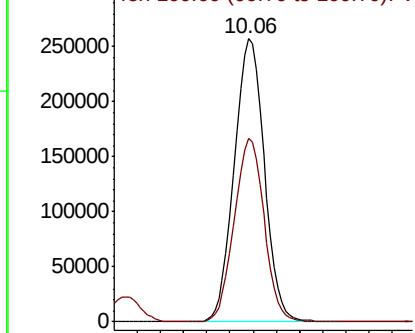


#50
Toluene-d8
Concen: 54.860 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion: 98 Resp: 463218
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



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

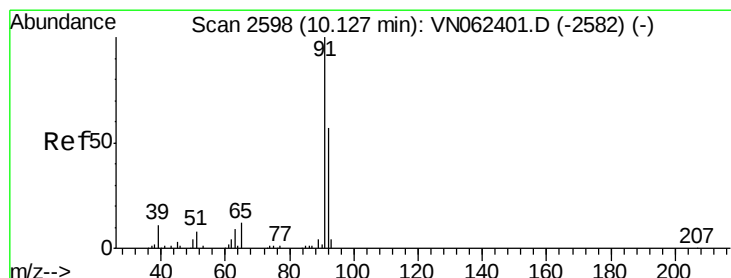
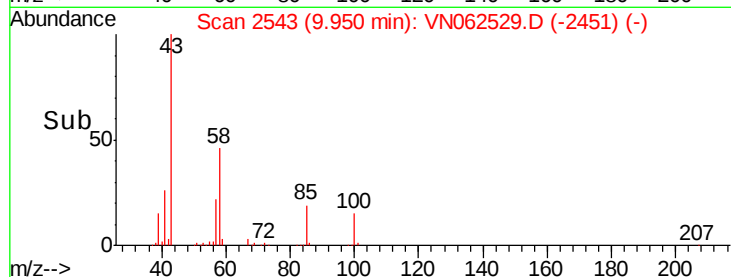
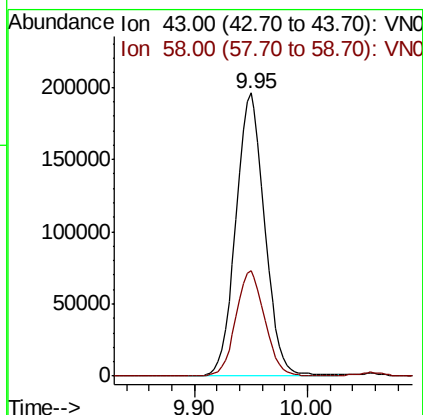
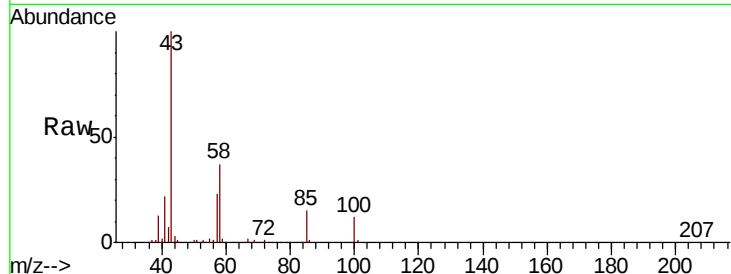




#51
 4-Methyl-2-Pentanone
 Concen: 90.792 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

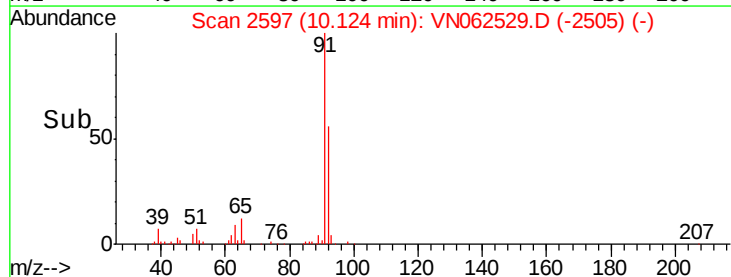
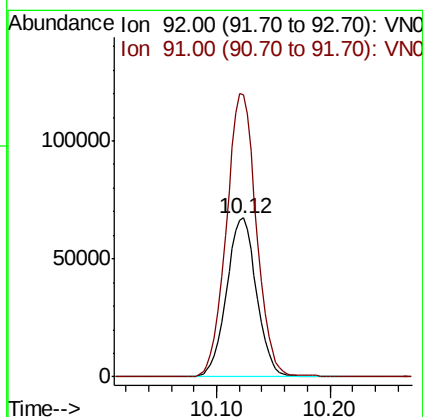
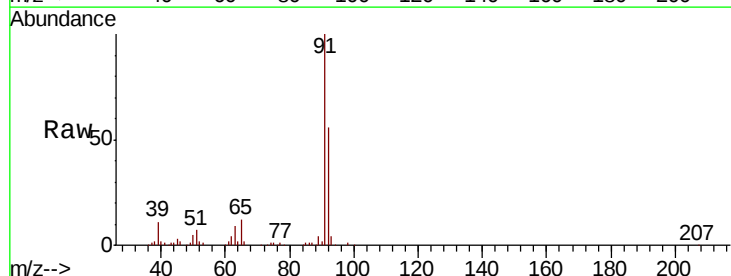
Instrument :
 MSVOA_N
 ClientSampled :

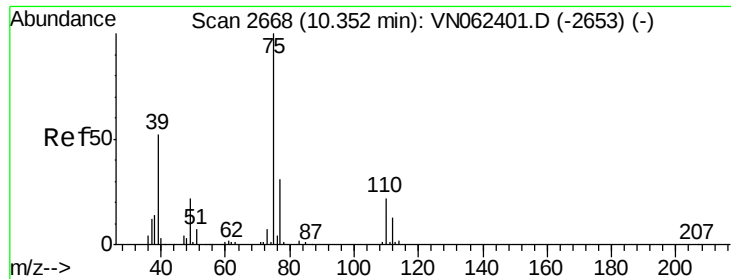
Tot Ion: 43 Resp: 349199
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.0 43.6



#52
 Toluene
 Concen: 20.913 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Tgt Ion: 92 Resp: 124111
 Ion Ratio Lower Upper
 92 100
 91 178.8 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 21.077 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

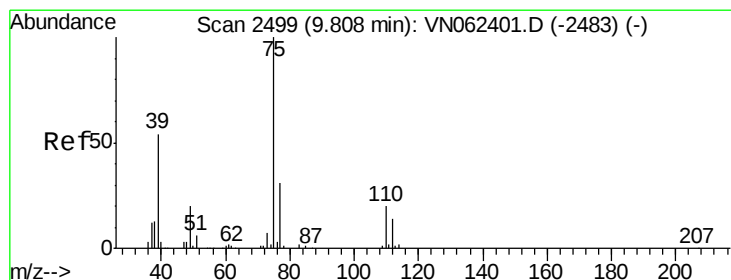
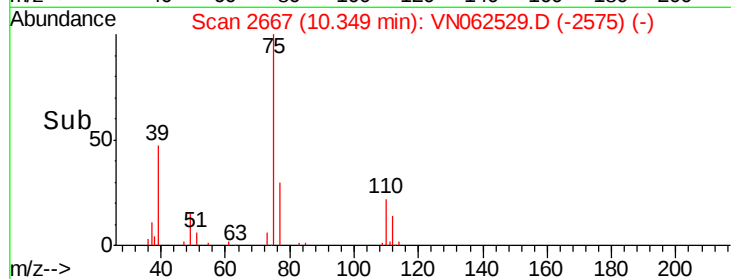
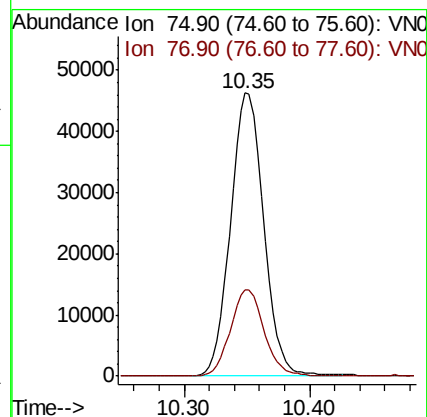
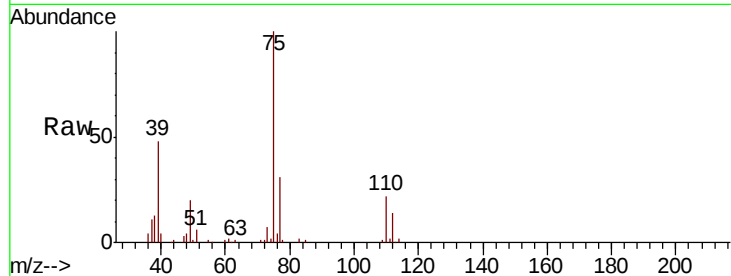
ClientSampled :

Tot Ion: 75 Resp: 84971

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.700 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

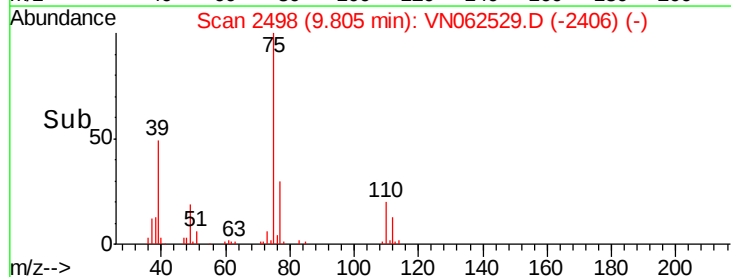
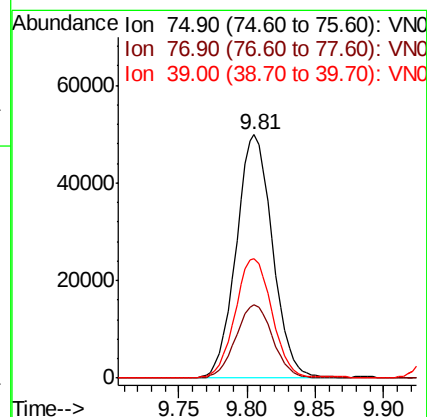
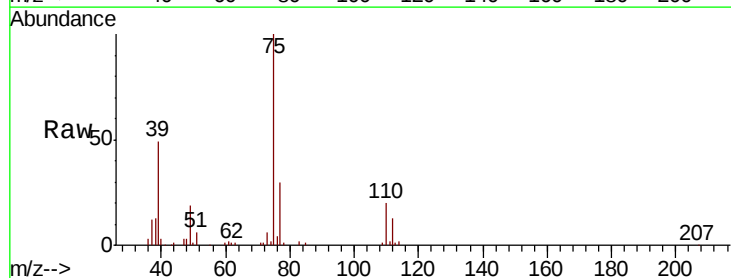
Tgt Ion: 75 Resp: 92078

Ion Ratio Lower Upper

75 100

77 30.3 24.5 36.7

39 49.2 43.4 65.0

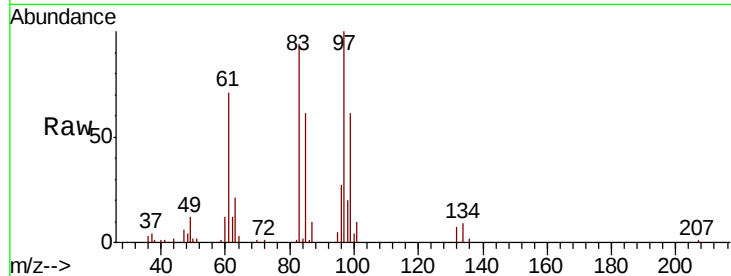




#55
 1,1,2-Trichloroethane
 Concen: 20.657 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	48215
Ion	Ratio	Lower	Upper
97	100		
83	94.4	71.0	106.4
85	60.6	46.2	69.4
99	60.7	49.7	74.5



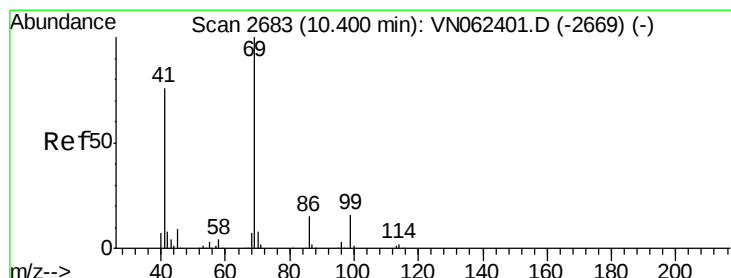
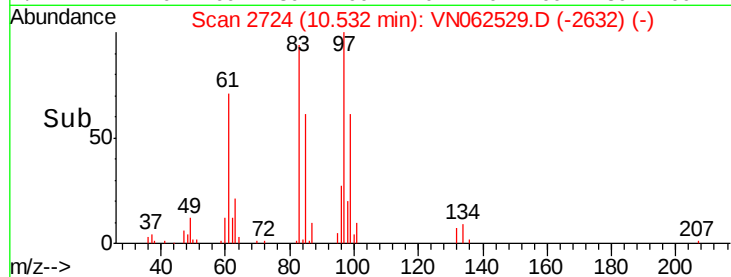
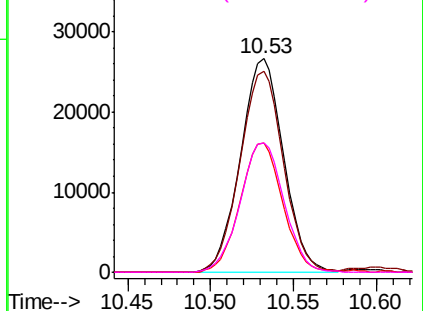
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

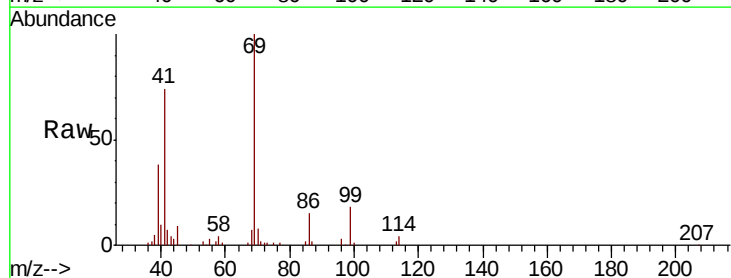
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 18.973 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Tgt Ion:	69	Resp:	76774
Ion	Ratio	Lower	Upper
69	100		
41	73.2	59.7	89.5
39	37.0	30.6	45.8

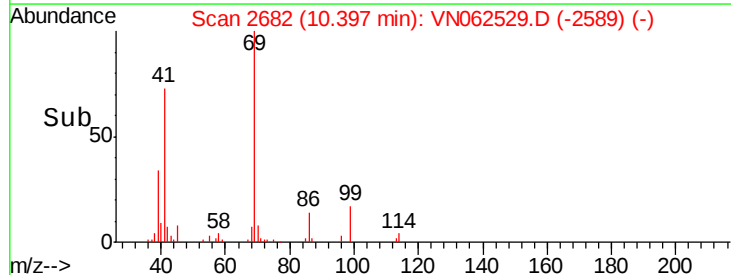
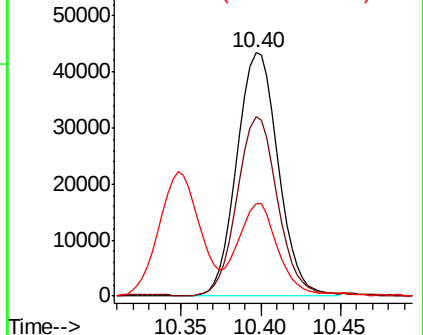


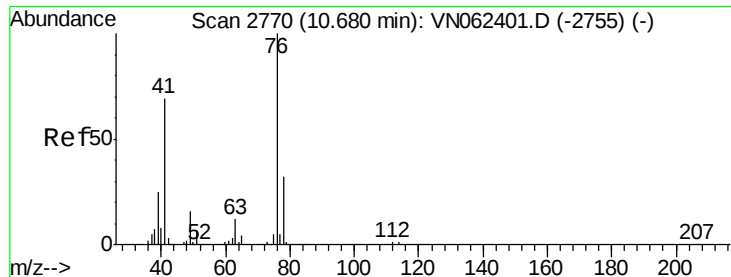
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 20.812 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

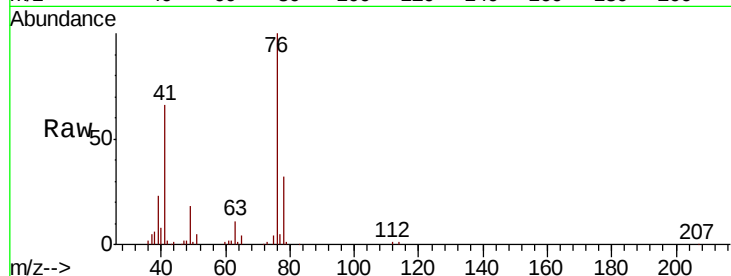
ClientSampled :

Tot Ion: 76 Resp: 89745

Ion Ratio Lower Upper

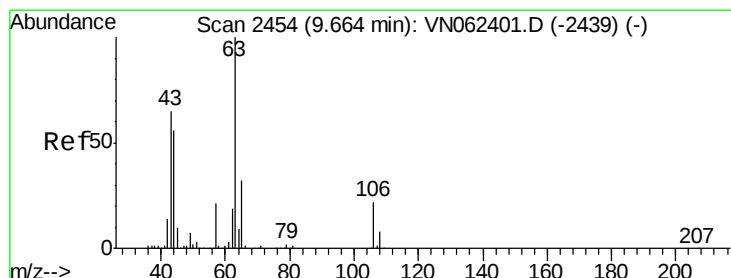
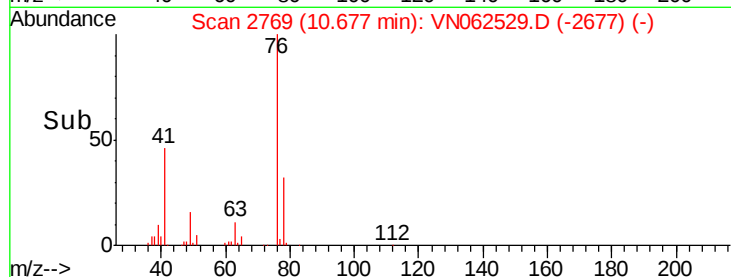
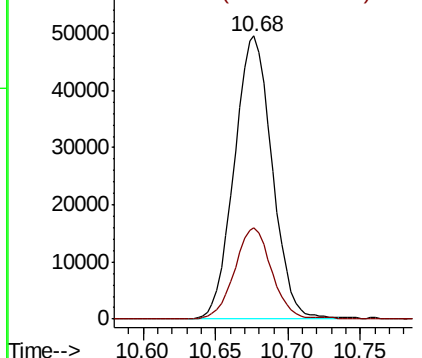
76 100

78 31.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 86.288 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062529.D

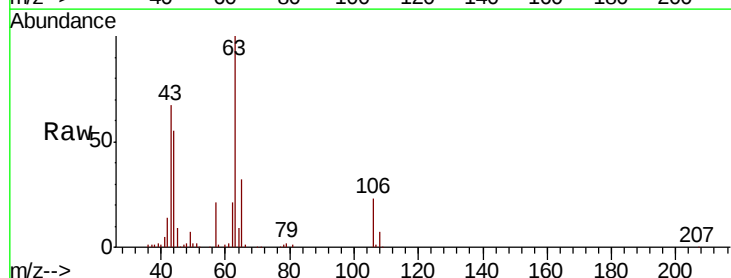
Acq: 15 Jul 2020 12:26

Tgt Ion: 63 Resp: 119485

Ion Ratio Lower Upper

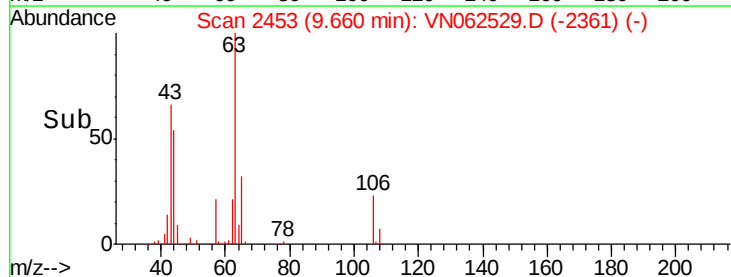
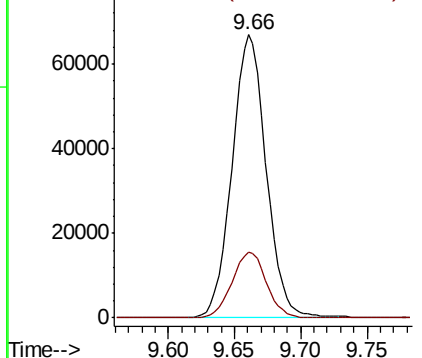
63 100

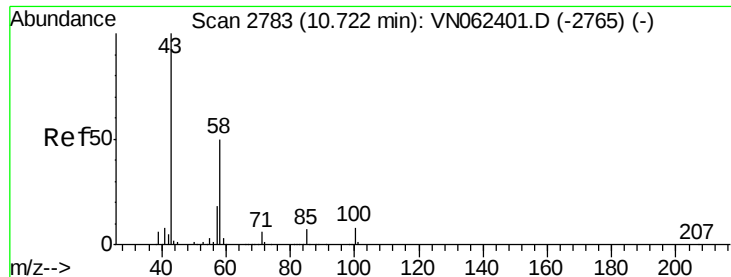
106 23.3 17.6 26.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

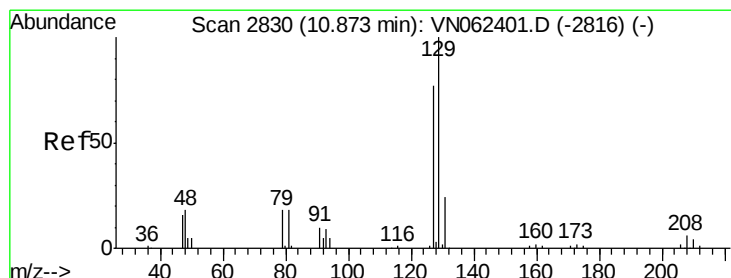
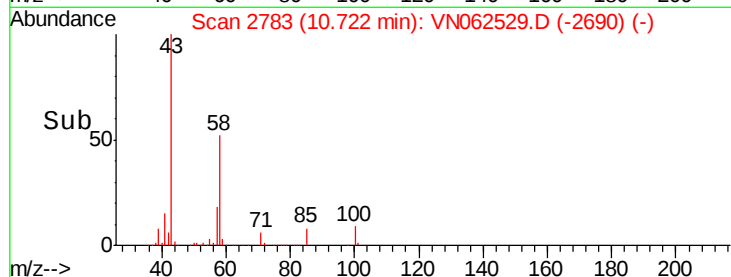
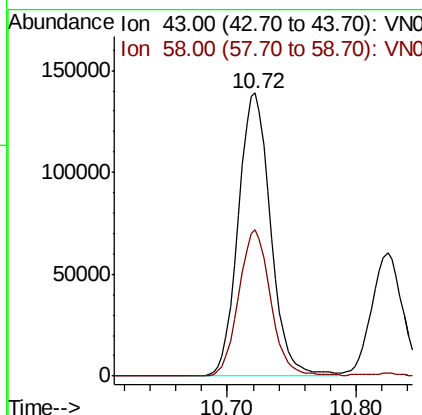
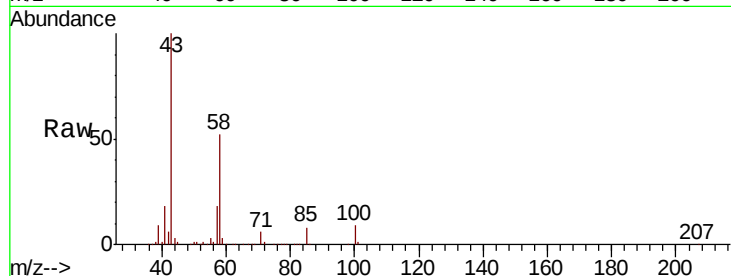




#59
2-Hexanone
Concen: 87.155 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

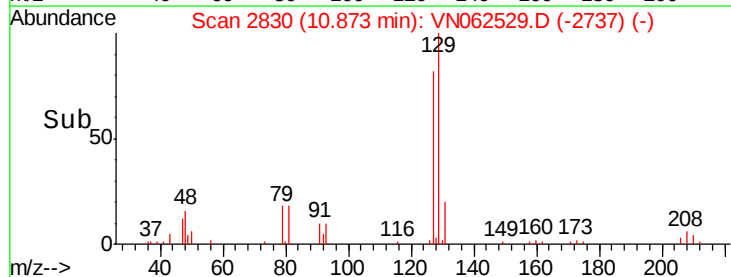
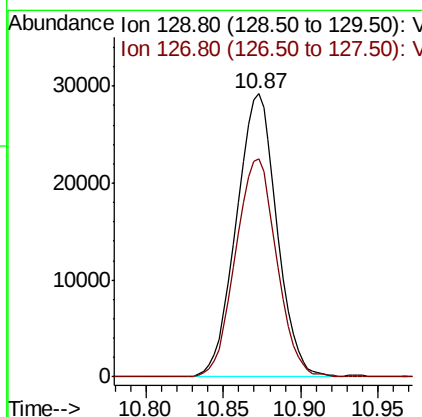
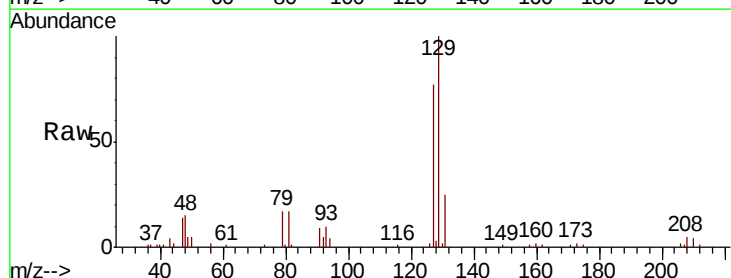
Instrument :
MSVOA_N
ClientSampled :

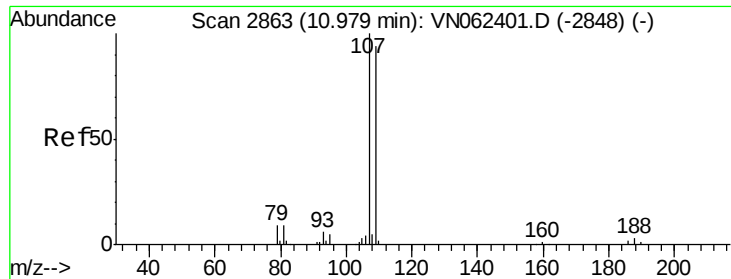
Tot Ion: 43 Resp: 243355
Ion Ratio Lower Upper
43 100
58 51.1 25.1 75.2



#60
Dibromochloromethane
Concen: 21.088 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion: 129 Resp: 53369
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8

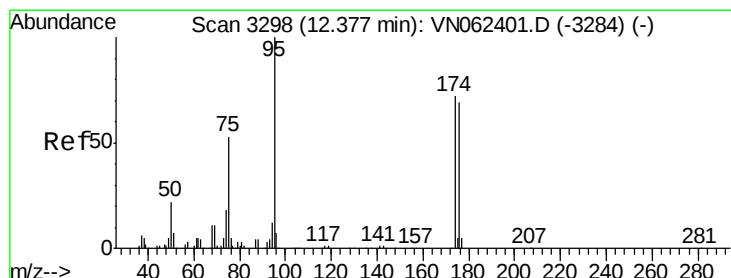
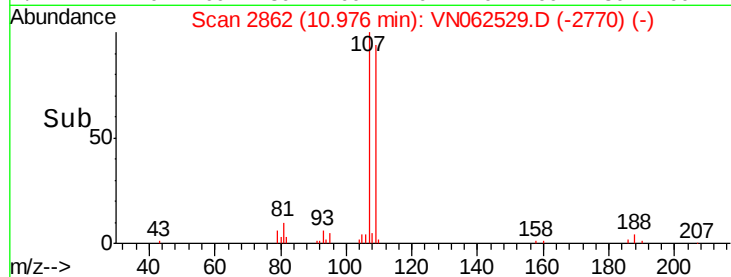
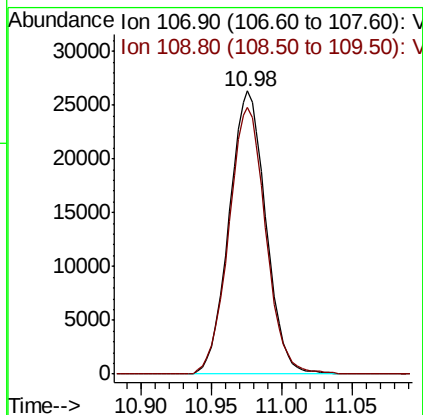
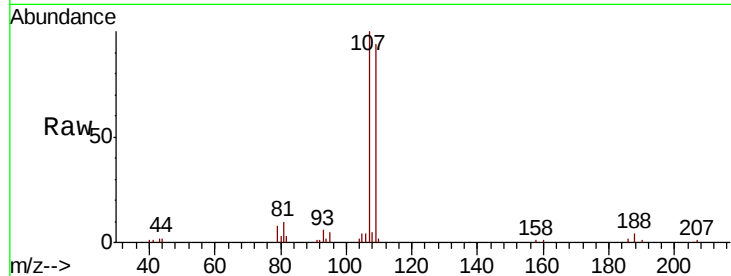




#61
 1,2-Dibromoethane
 Concen: 20.314 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

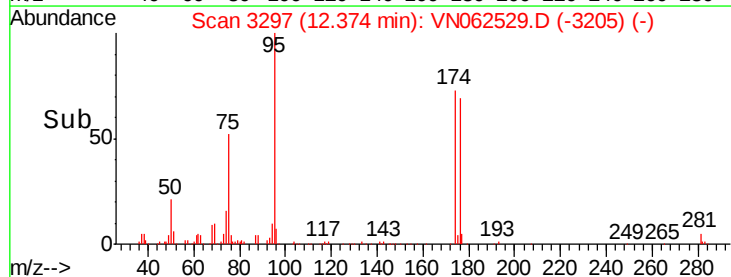
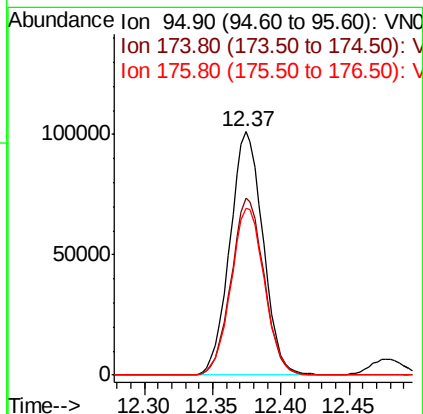
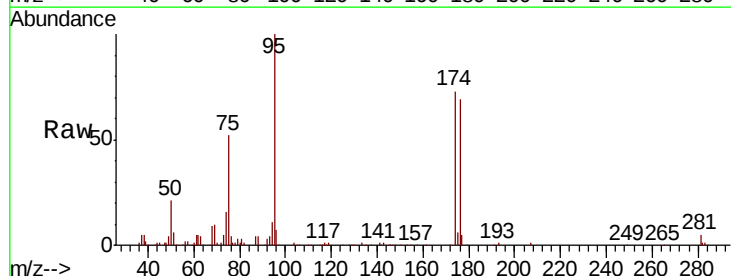
Instrument :
 MSVOA_N
 ClientSampleId :

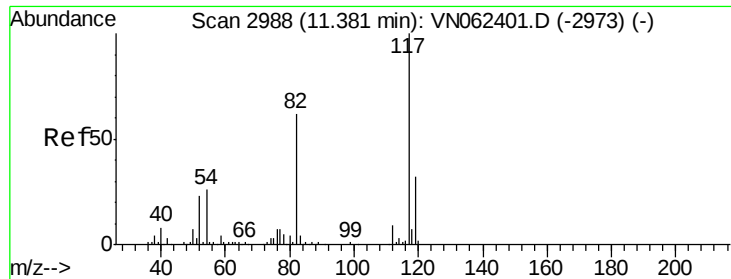
Tot Ion: 107 Resp: 47863
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 55.285 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Tgt Ion: 95 Resp: 170586
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 141.6
 176 69.5 0.0 137.2

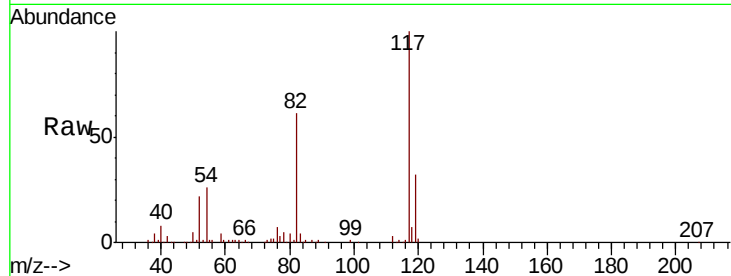




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	49.6	74.4
119	32.1	25.4	38.0

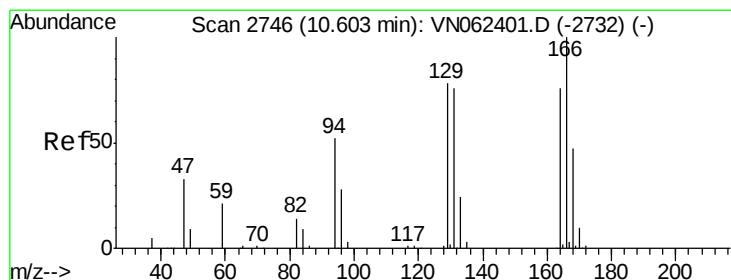
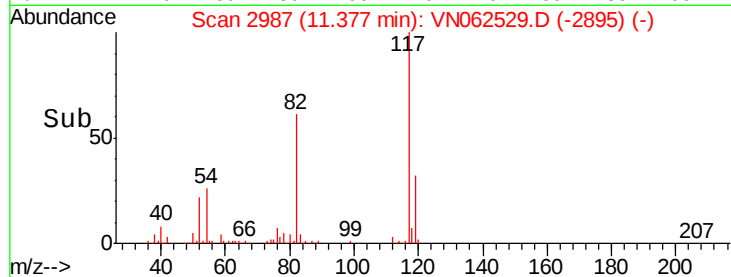
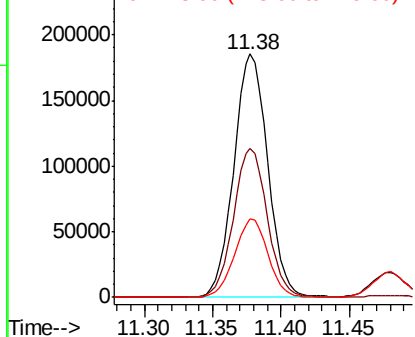


Abundance

Ion 116.90 (116.60 to 117.60): V

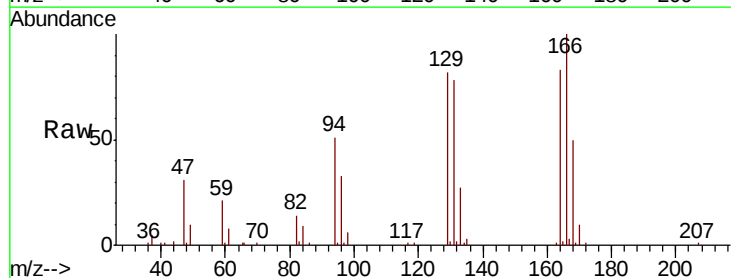
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.115 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.2	104.9	157.3
129	98.8	81.8	122.6
131	94.5	79.3	118.9



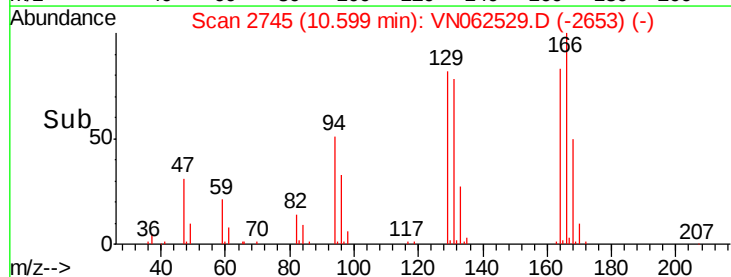
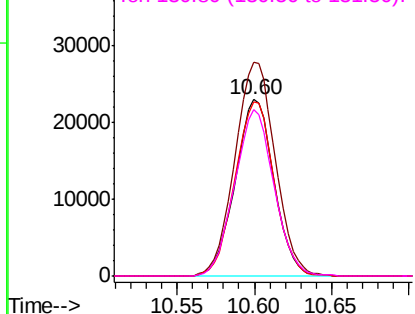
Abundance

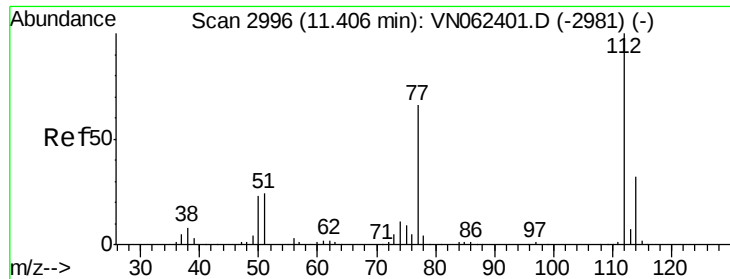
Ion 163.80 (163.50 to 164.50): V

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: 20.725 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

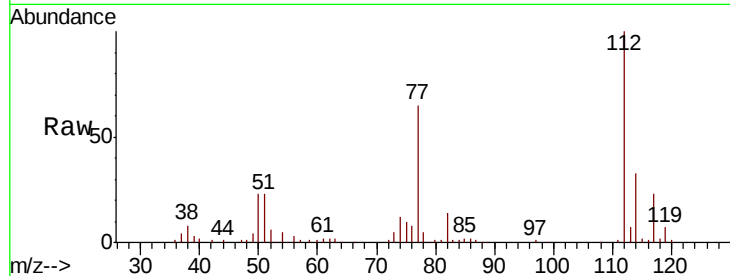
ClientSampled :

Tot Ion:112 Resp: 128839

Ion Ratio Lower Upper

112 100

114 33.0 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.40

80000

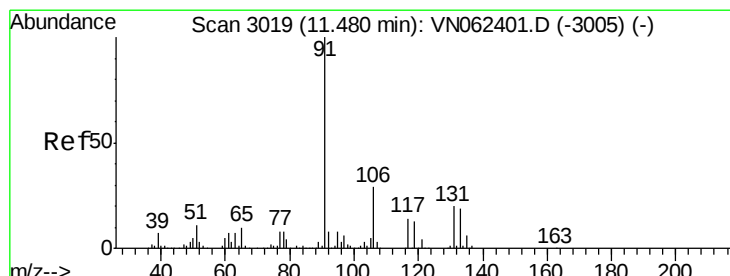
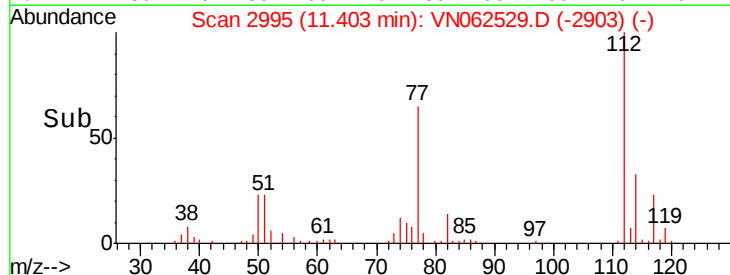
60000

40000

20000

0

Time--> 11.35 11.40 11.45



#66

1,1,1,2-Tetrachloroethane

Concen: 21.539 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

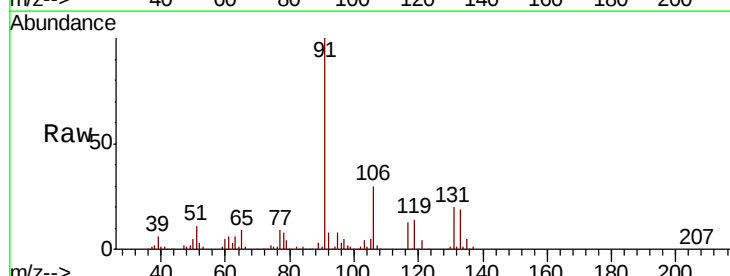
Tgt Ion:131 Resp: 49378

Ion Ratio Lower Upper

131 100

133 93.6 46.9 140.8

119 66.9 33.2 99.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

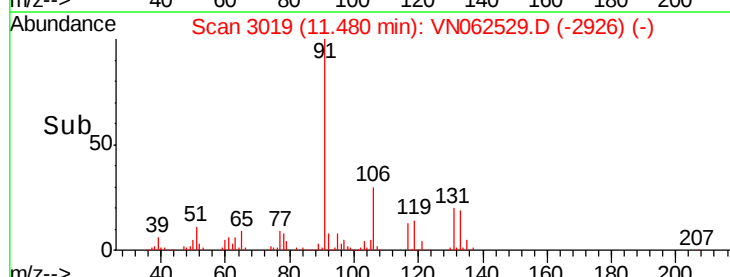
30000

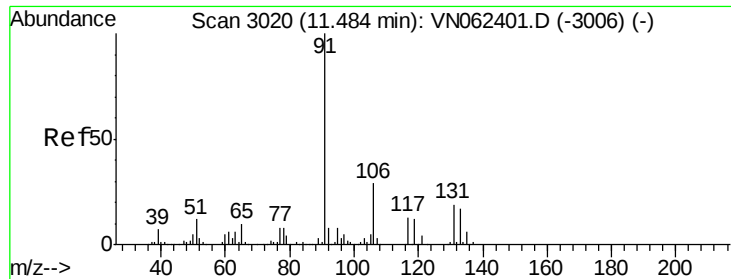
20000

10000

0

Time--> 11.40 11.45 11.50 11.55

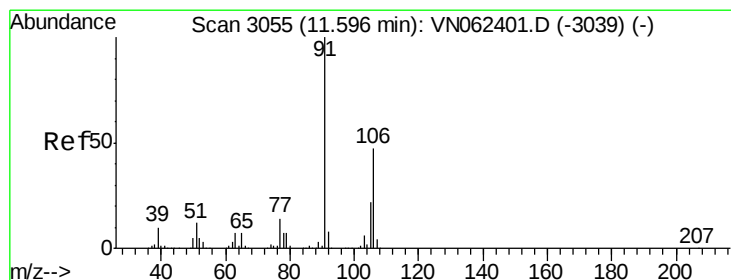
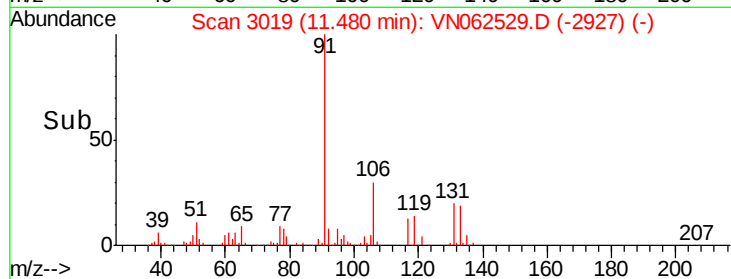
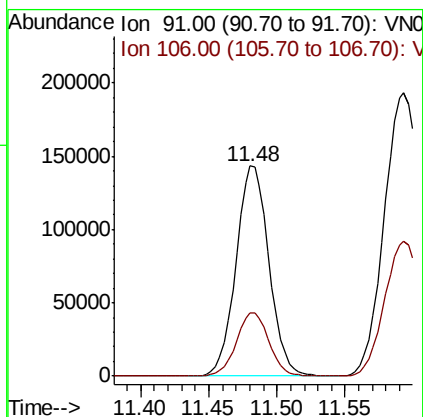
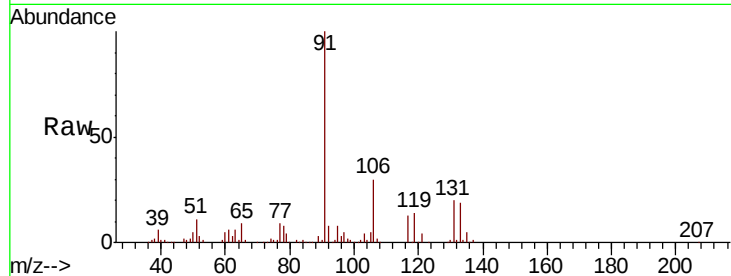




#67
Ethyl Benzene
Concen: 20.574 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

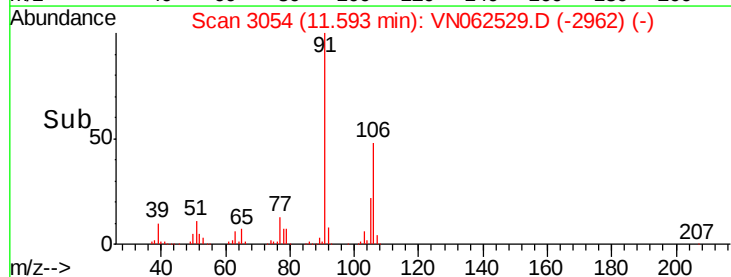
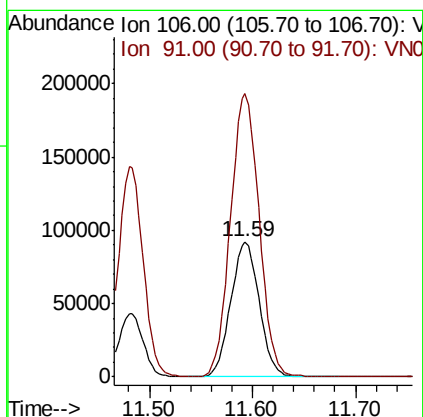
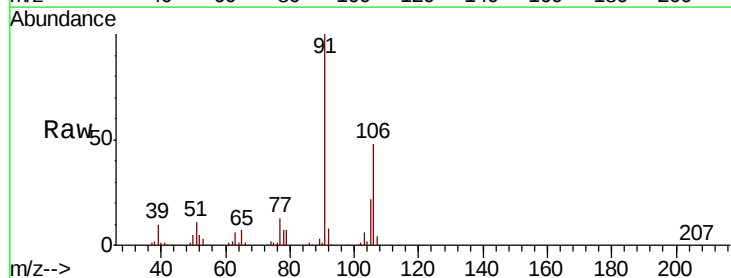
Instrument :
MSVOA_N
ClientSampled :

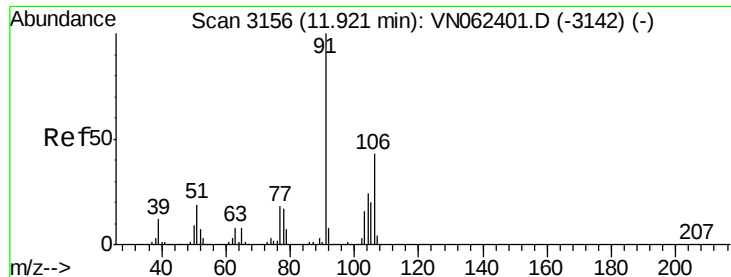
Tot Ion: 91 Resp: 240078
Ion Ratio Lower Upper
91 100
106 30.1 23.4 35.2



#68
m/p-Xylenes
Concen: 42.866 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion: 106 Resp: 177080
Ion Ratio Lower Upper
106 100
91 210.3 172.4 258.6

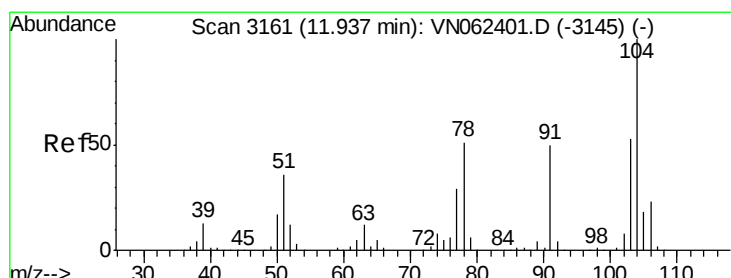
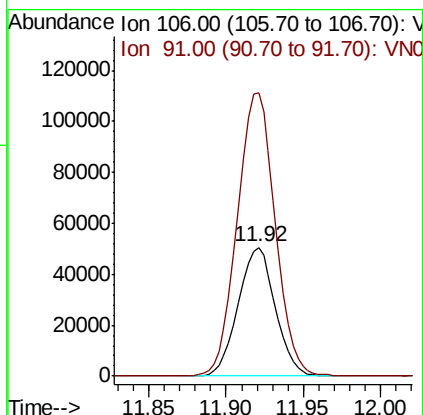
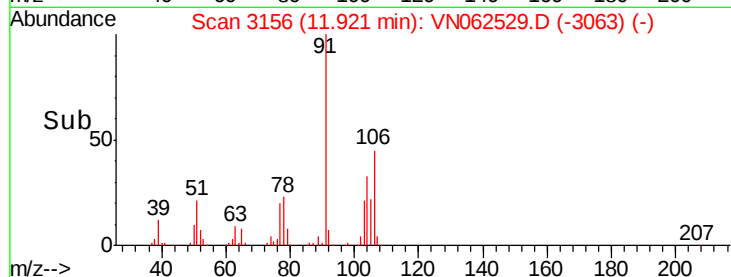
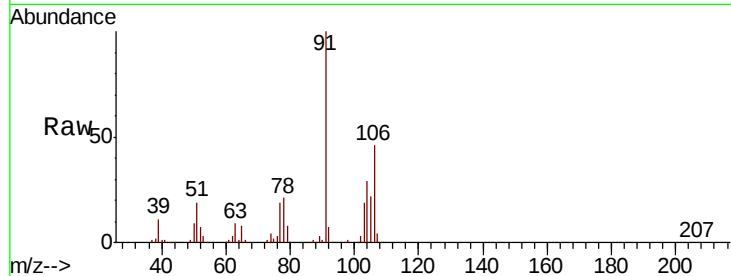




#69
o-Xylene
Concen: 20.941 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

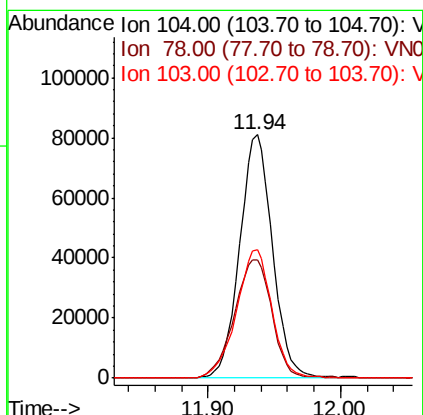
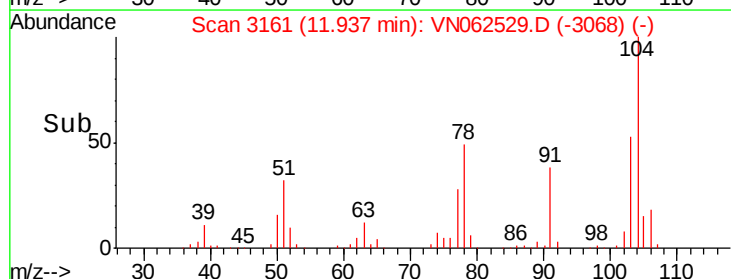
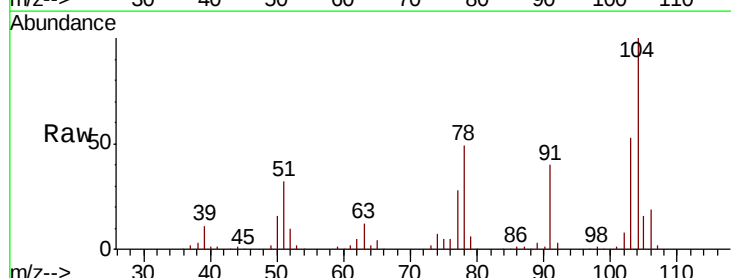
Instrument :
MSVOA_N
ClientSampleId :

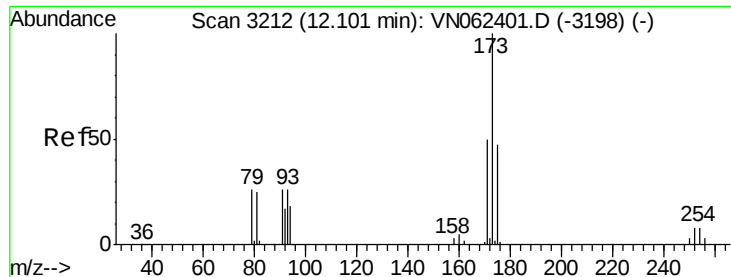
Tot Ion:106 Resp: 84228
Ion Ratio Lower Upper
106 100
91 224.6 113.8 341.4



#70
Styrene
Concen: 20.958 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion:104 Resp: 139318
Ion Ratio Lower Upper
104 100
78 55.6 44.2 66.4
103 56.8 44.4 66.6





#71

Bromoform

Concen: 20.986 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

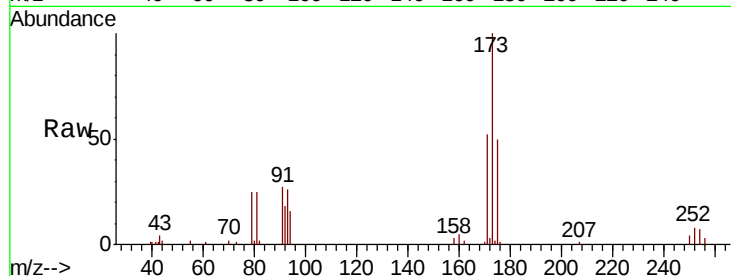
Tot Ion:173 Resp: 35269

Ion Ratio Lower Upper

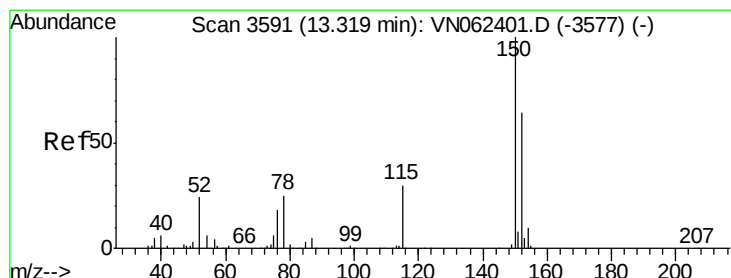
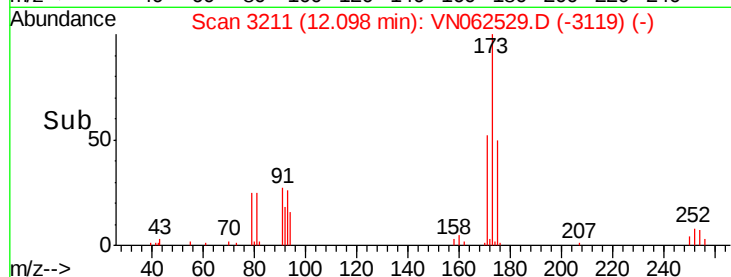
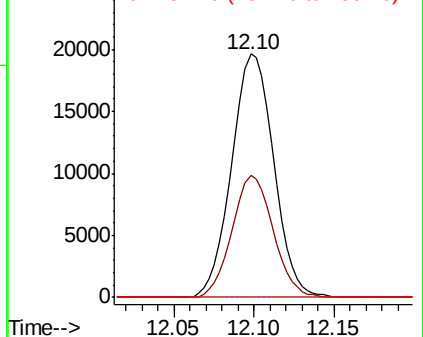
173 100

175 48.8 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# 3590

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

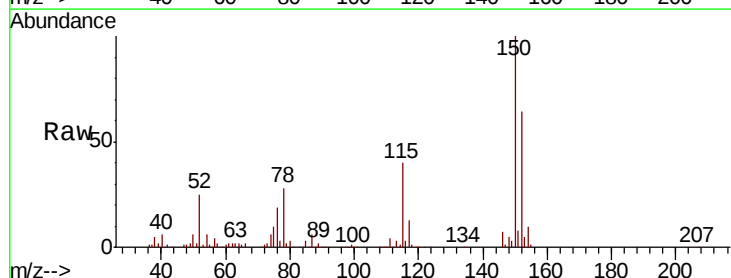
Tgt Ion:152 Resp: 144151

Ion Ratio Lower Upper

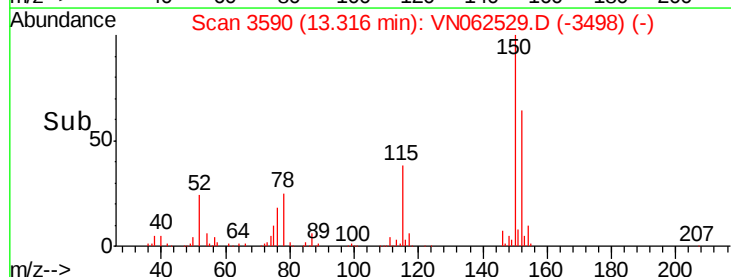
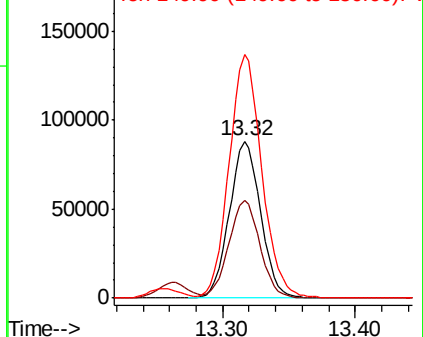
152 100

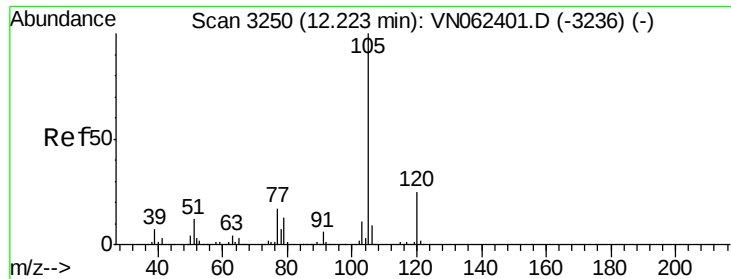
115 62.4 31.4 94.2

150 162.6 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: 20.614 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

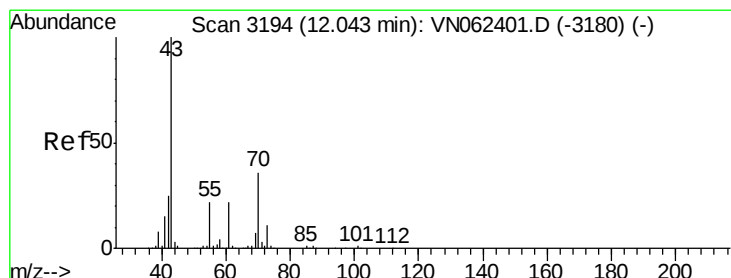
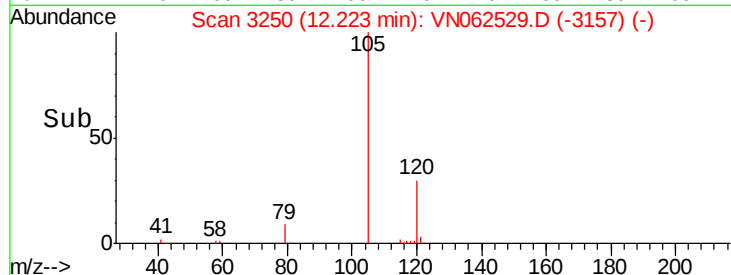
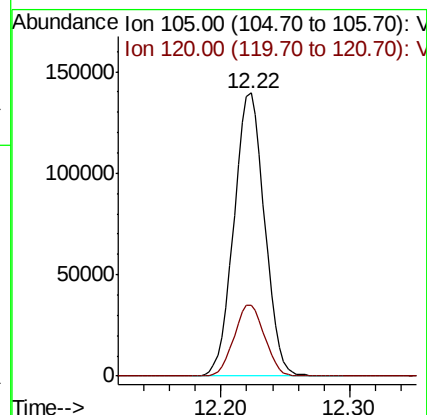
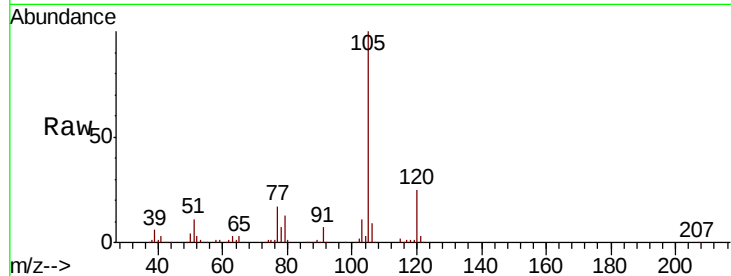
ClientSampleId :

Tot Ion:105 Resp: 229946

Ion Ratio Lower Upper

105 100

120 25.1 12.7 38.1



#74

N-ethyl acetate

Concen: 17.658 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Tgt Ion: 43 Resp: 95868

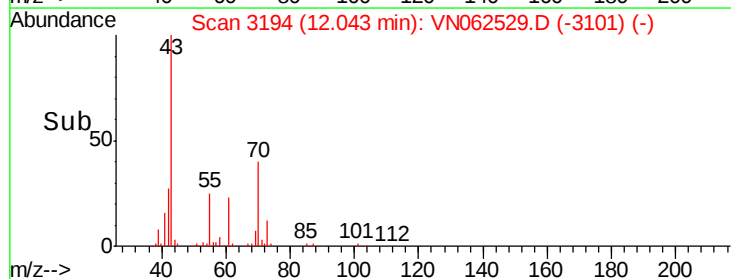
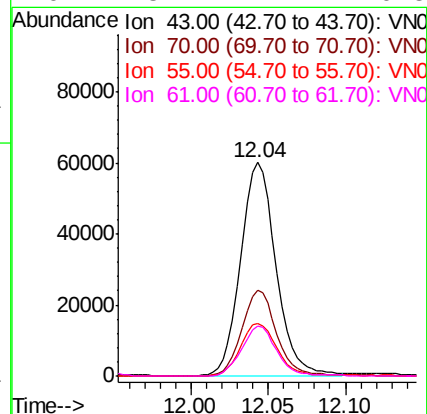
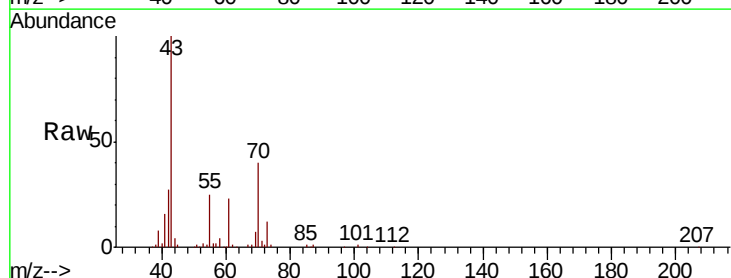
Ion Ratio Lower Upper

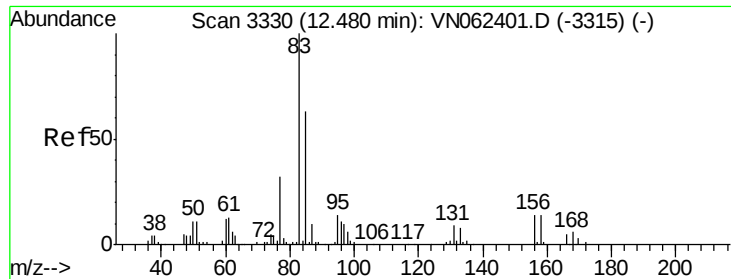
43 100

70 39.4 30.0 45.0

55 25.7 18.2 27.4

61 23.1 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.245 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

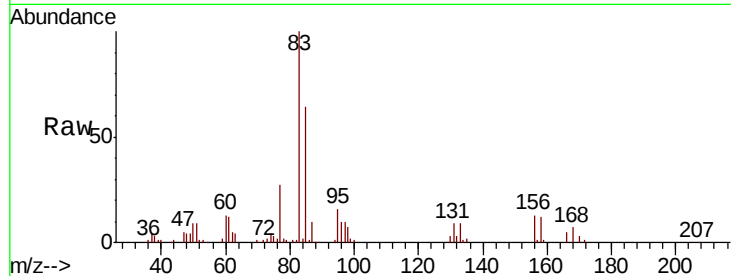
Tot Ion: 83 Resp: 72180

Ion Ratio Lower Upper

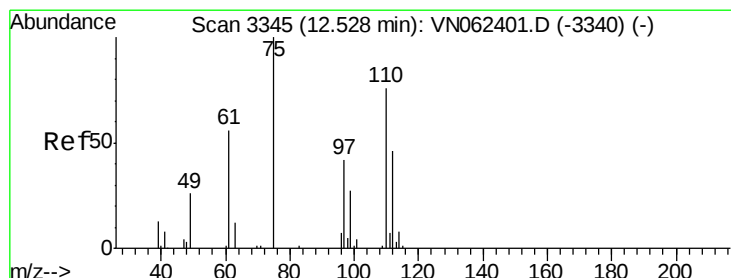
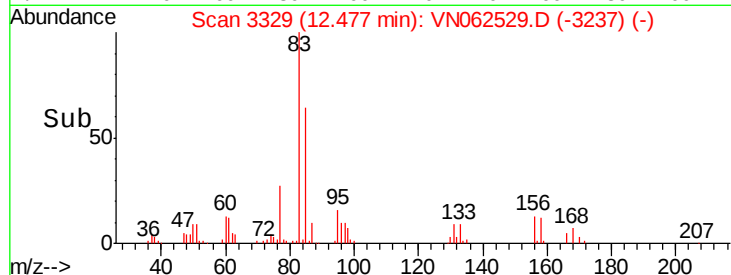
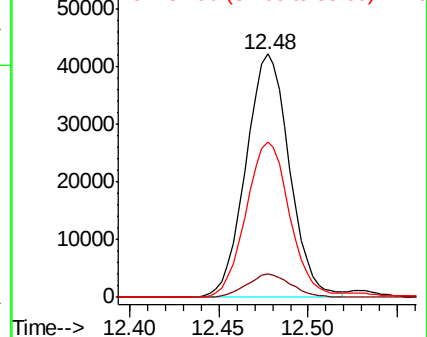
83 100

131 9.6 4.5 13.5

85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 26.598 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062529.D

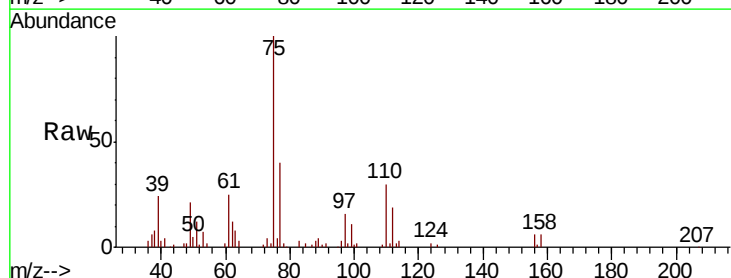
Acq: 15 Jul 2020 12:26

Tgt Ion: 75 Resp: 94078

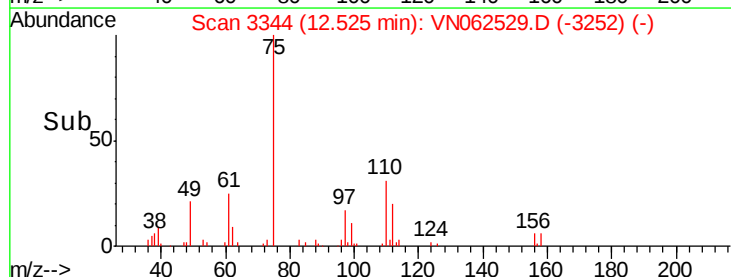
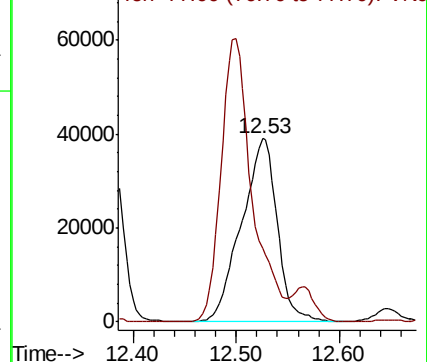
Ion Ratio Lower Upper

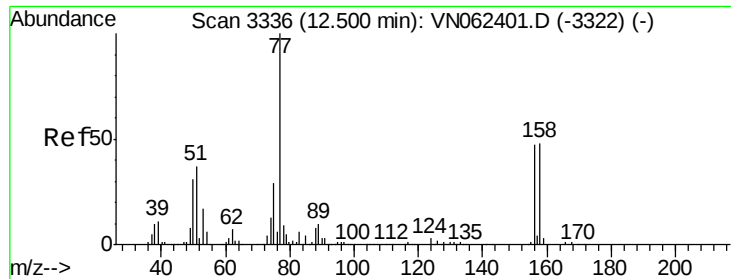
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 20.859 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

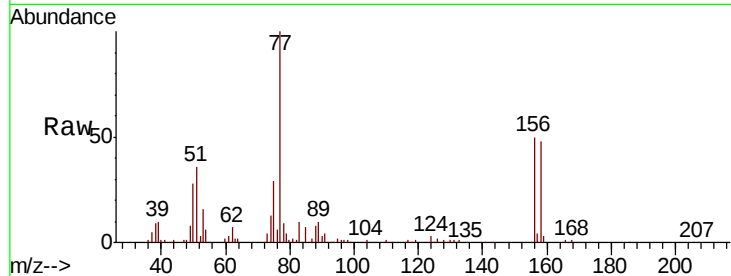
Tot Ion:156 Resp: 52896

Ion Ratio Lower Upper

156 100

77 238.9 126.4 379.3

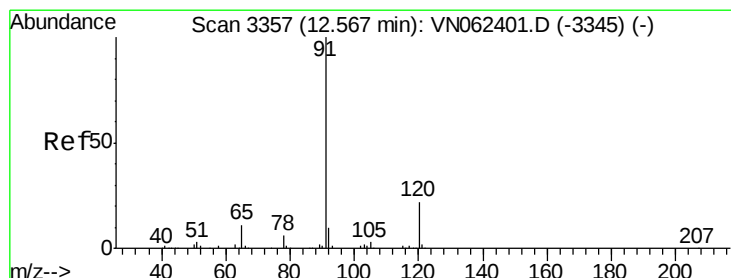
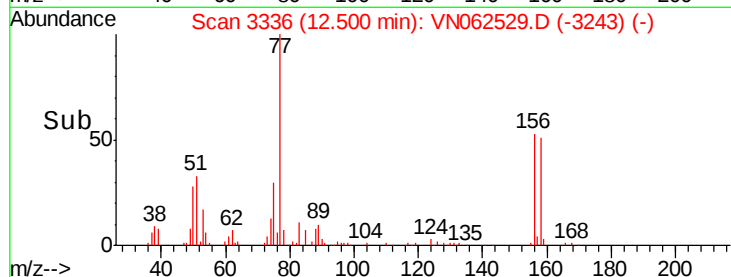
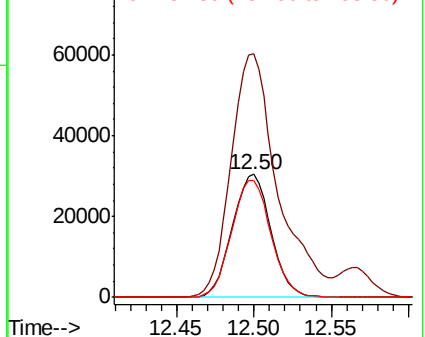
158 96.3 49.8 149.4



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: 20.484 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062529.D

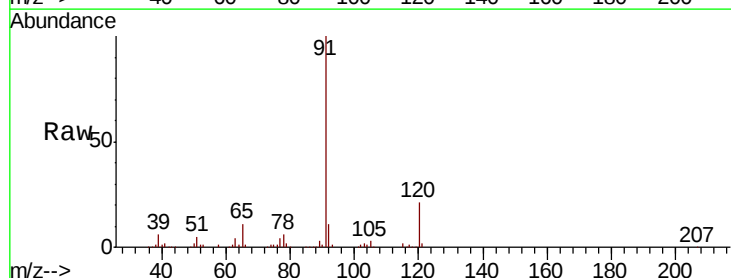
Acq: 15 Jul 2020 12:26

Tgt Ion: 91 Resp: 266909

Ion Ratio Lower Upper

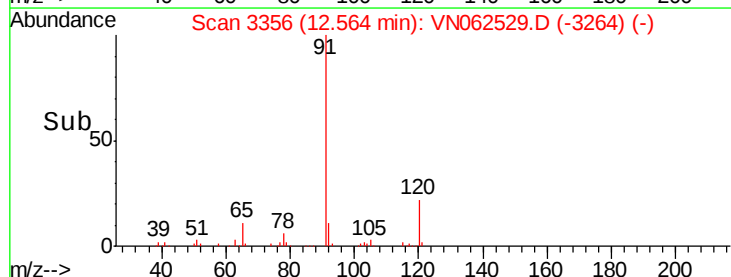
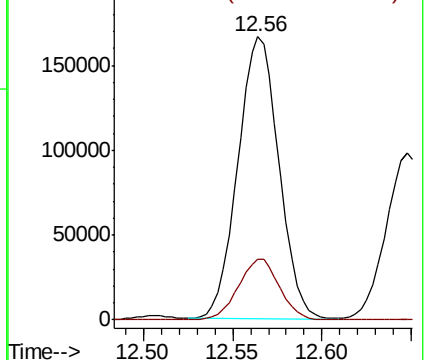
91 100

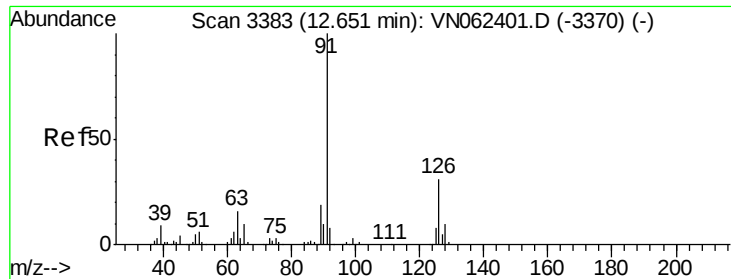
120 21.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

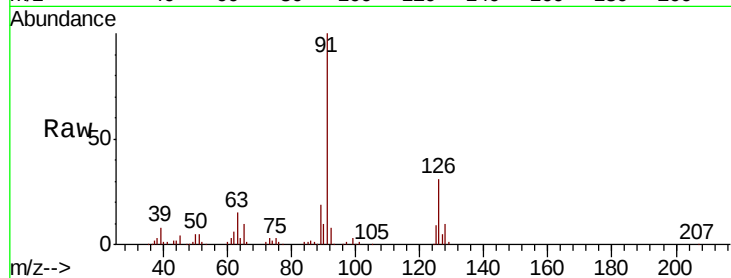




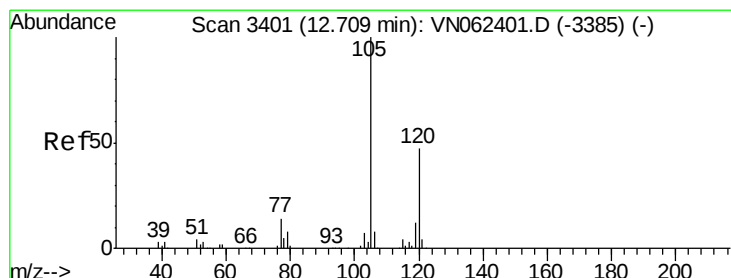
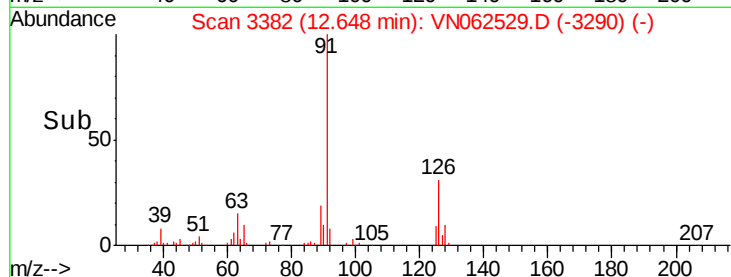
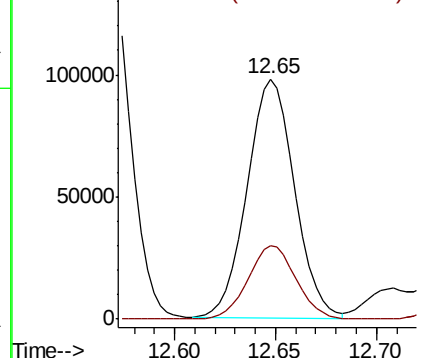
#79
2-Chlorotoluene
Concen: 20.347 ug/l
RT: 12.65 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 160905
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.7

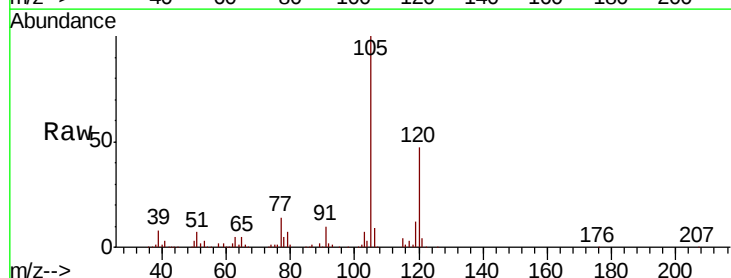


Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)
Ion 125.90 (125.60 to 126.60): VN062401.D (-3370) (-)

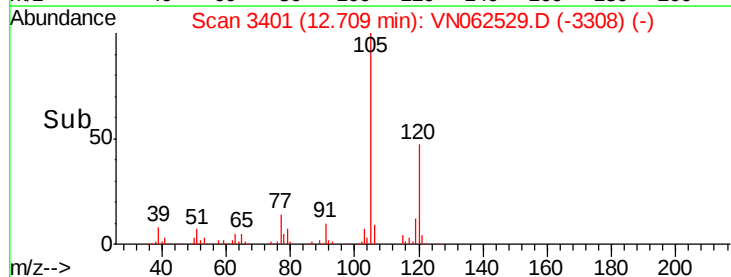
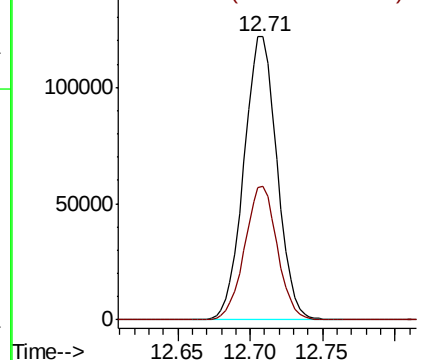


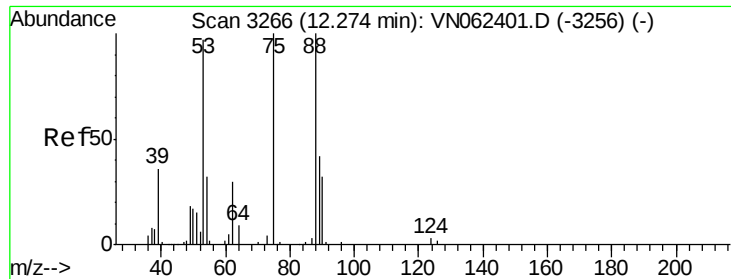
#80
1,3,5-Trimethylbenzene
Concen: 21.116 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion:105 Resp: 193093
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)
Ion 120.00 (119.70 to 120.70): VN062401.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.401 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

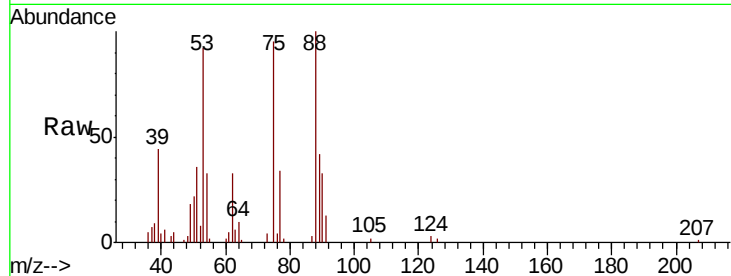
Tot Ion: 75 Resp: 22994

Ion Ratio Lower Upper

75 100

53 97.8 79.2 118.8

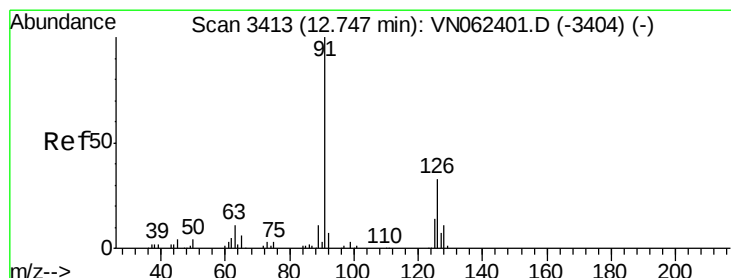
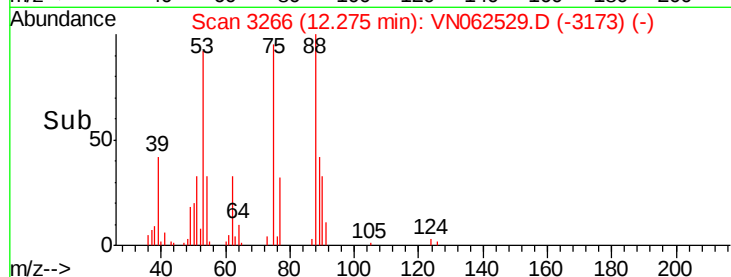
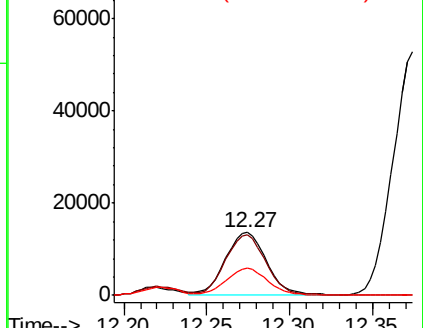
89 44.7 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.354 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062529.D

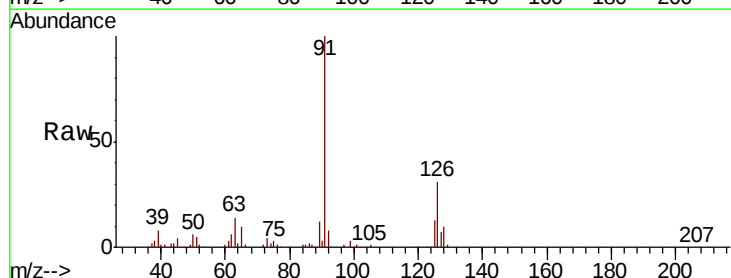
Acq: 15 Jul 2020 12:26

Tgt Ion: 91 Resp: 163414

Ion Ratio Lower Upper

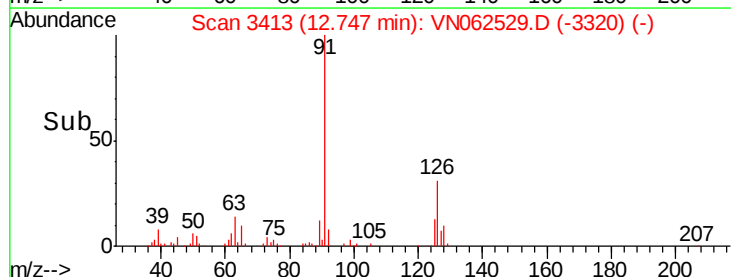
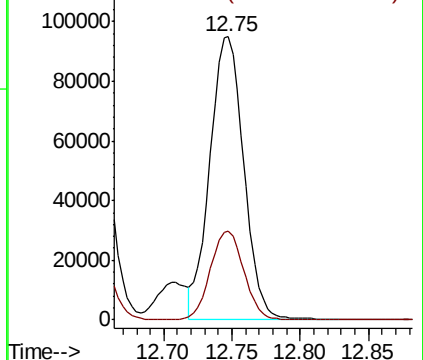
91 100

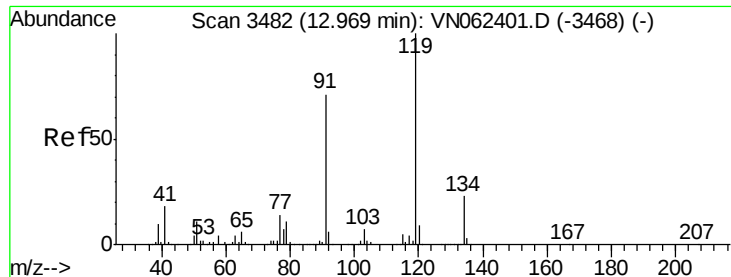
126 31.1 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

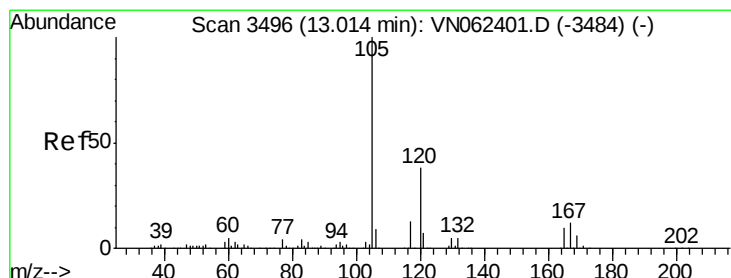
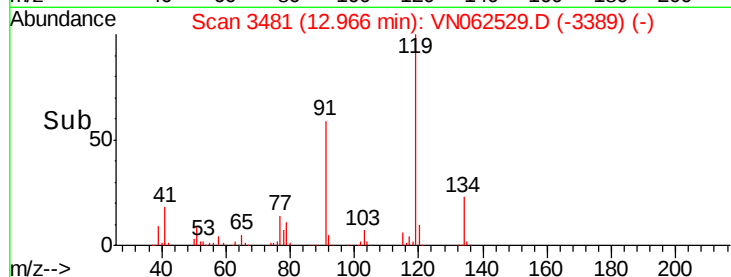
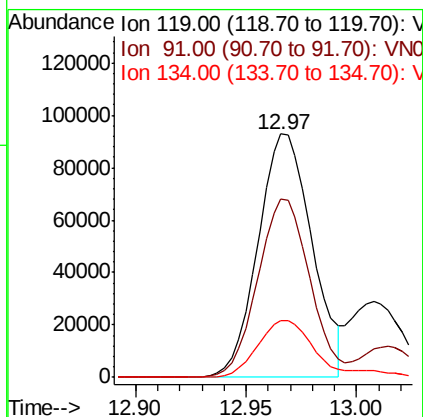
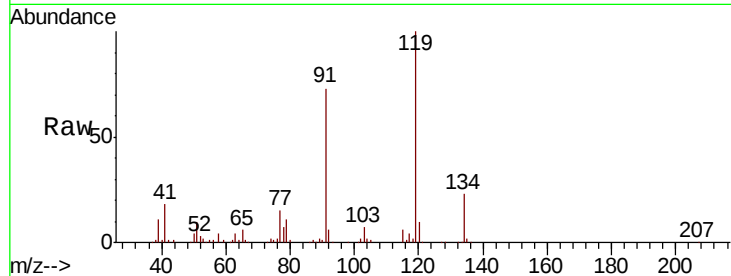




#83
tert-Butylbenzene
Concen: 20.392 ug/l
RT: 12.97 min Scan# 3481
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

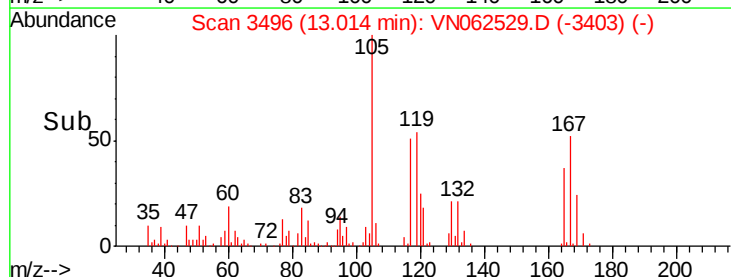
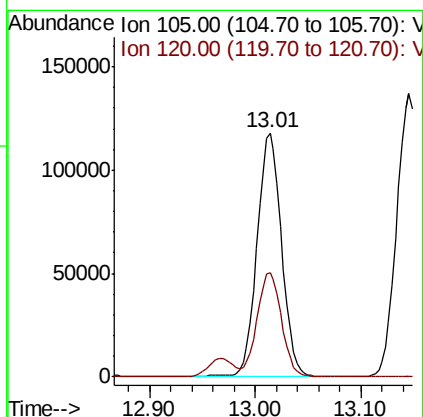
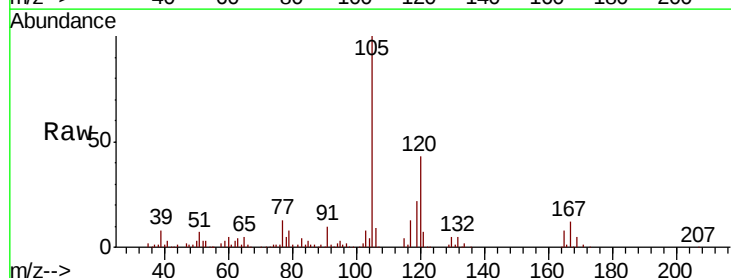
Instrument :
MSVOA_N
ClientSampled :

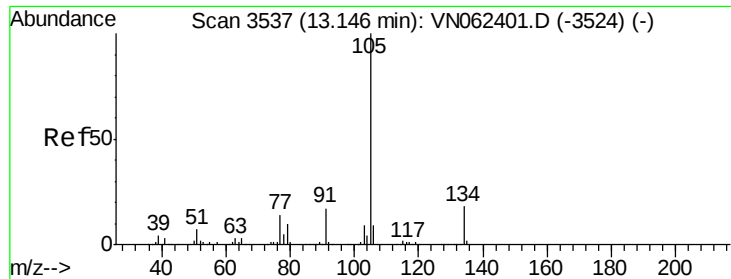
Tot Ion:119 Resp: 158248
Ion Ratio Lower Upper
119 100
91 70.7 34.8 104.3
134 23.9 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 21.121 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion:105 Resp: 191973
Ion Ratio Lower Upper
105 100
120 42.6 21.6 64.8

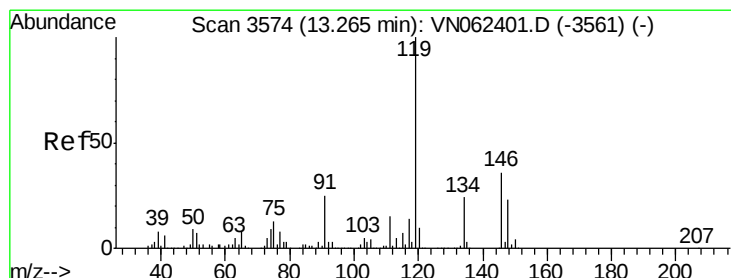
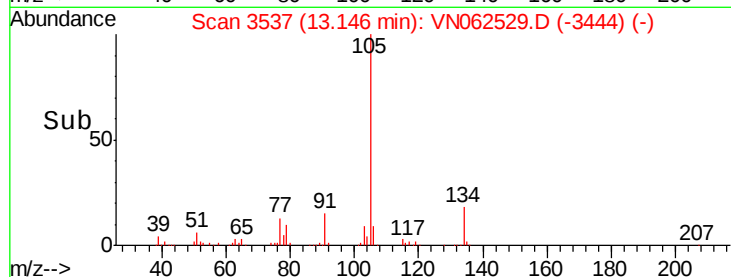
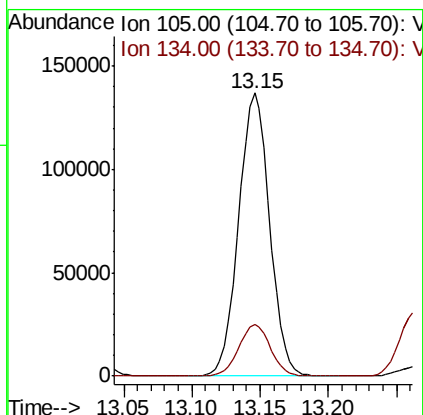
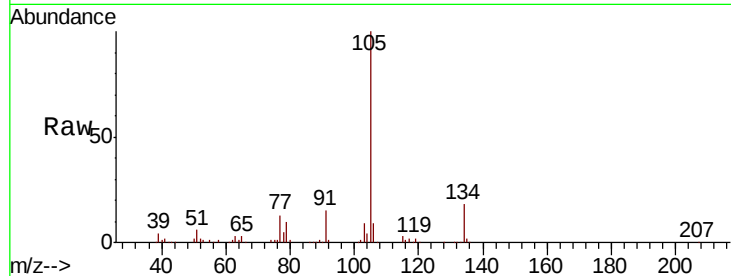




#85
 sec-Butylbenzene
 Concen: 20.883 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

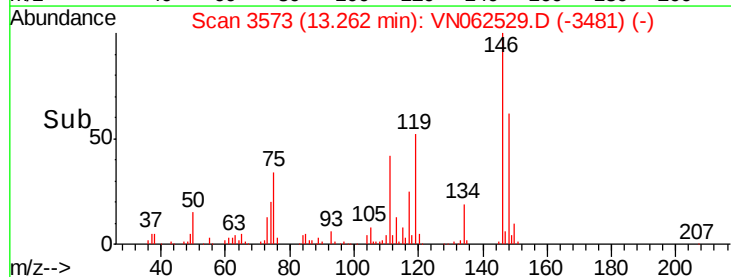
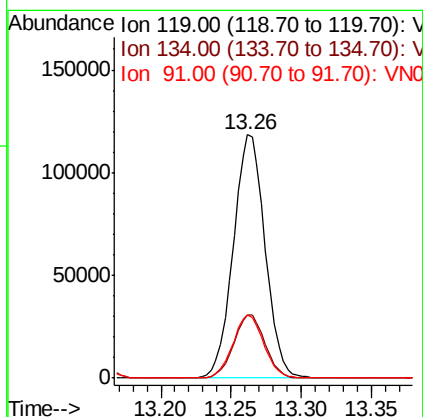
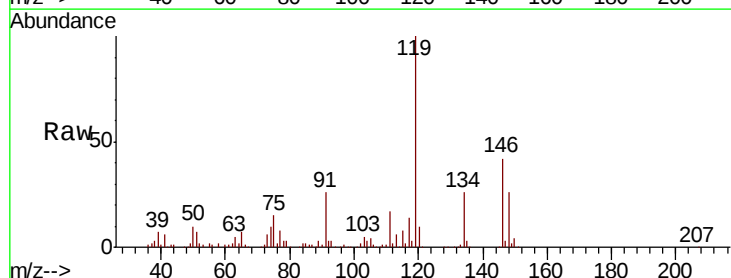
Instrument :
 MSVOA_N
 ClientSampleId :

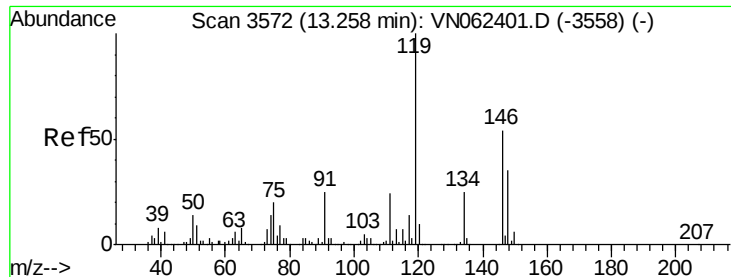
Tot Ion:105 Resp: 214738
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 21.028 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Tgt Ion:119 Resp: 186624
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.4 37.0
 91 25.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.193 ug/l

RT: 13.26 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

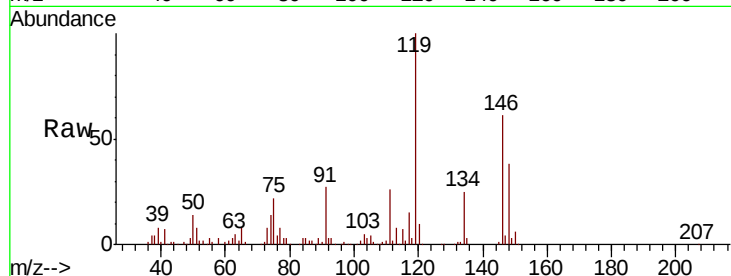
Tot Ion:146 Resp: 92715

Ion Ratio Lower Upper

146 100

111 43.1 21.6 64.6

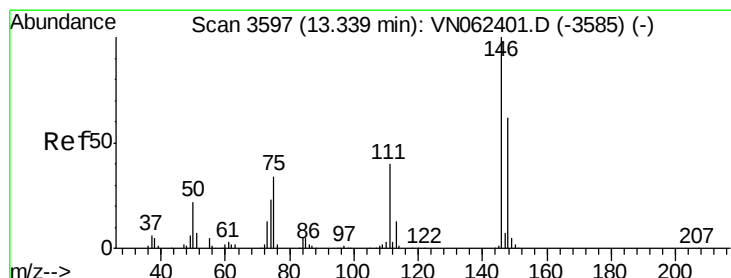
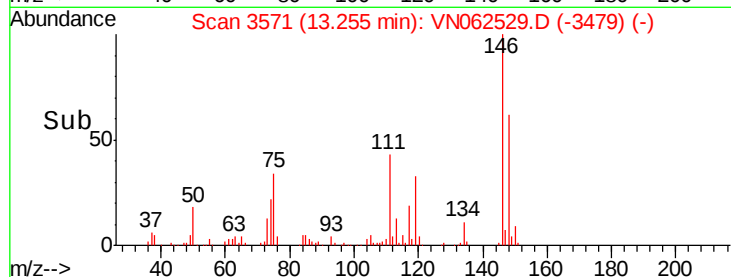
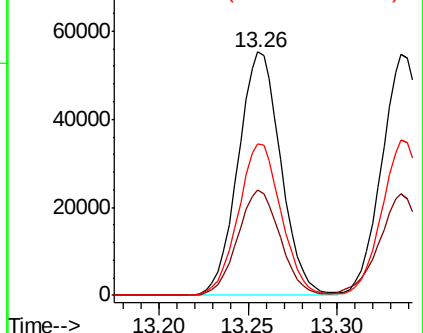
148 62.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.306 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

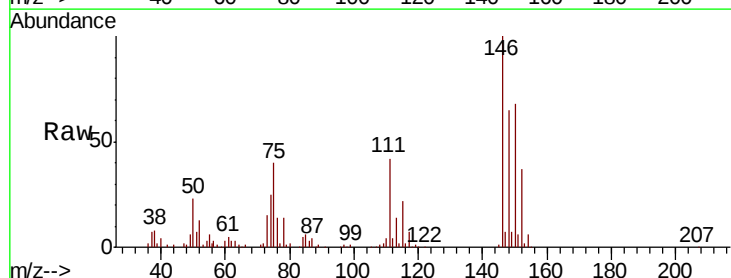
Tgt Ion:146 Resp: 91408

Ion Ratio Lower Upper

146 100

111 43.3 21.1 63.1

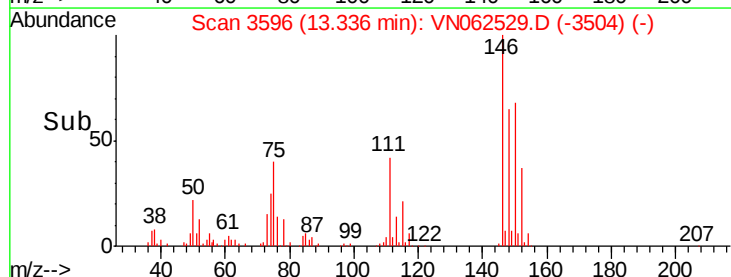
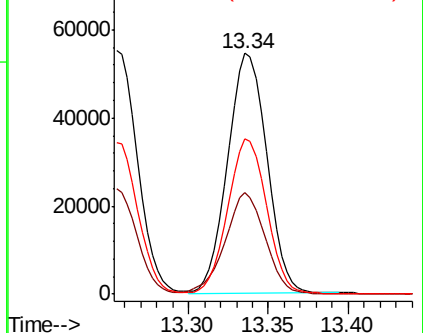
148 64.4 31.4 94.2

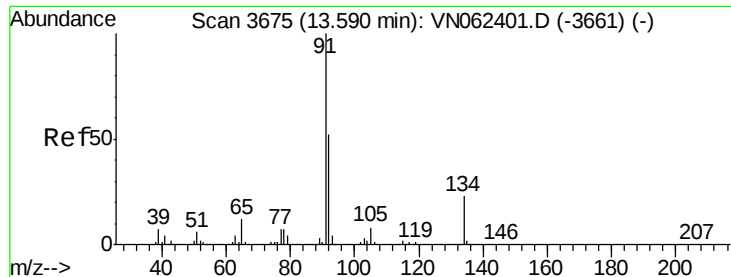


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.519 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

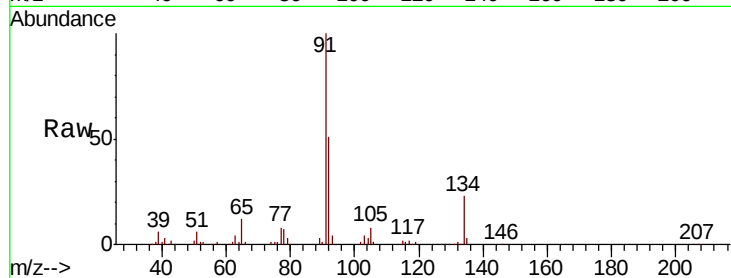
Tot Ion: 91 Resp: 152959

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.7

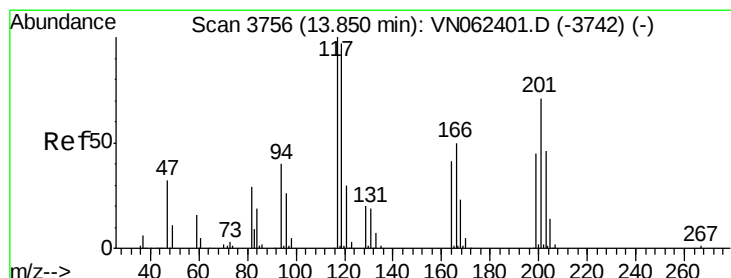
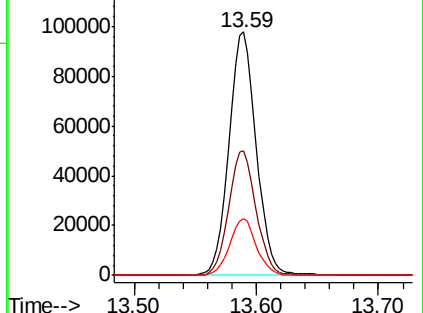
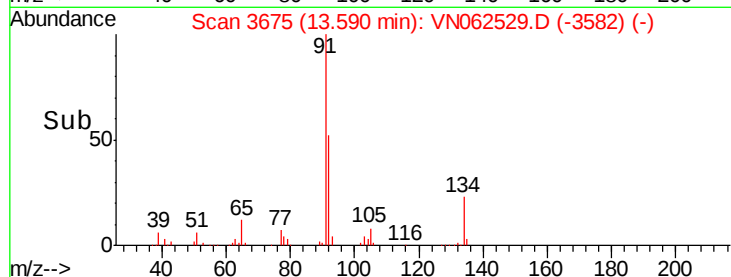
134 22.8 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062401.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062401.D (-3661) (-)



#90

Hexachloroethane

Concen: 20.372 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062529.D

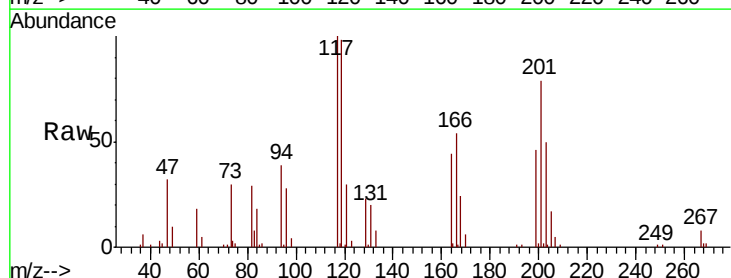
Acq: 15 Jul 2020 12:26

Tgt Ion: 117 Resp: 35567

Ion Ratio Lower Upper

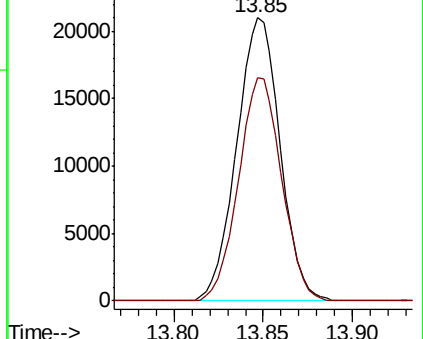
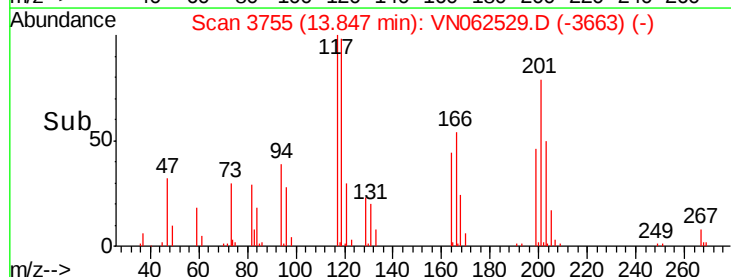
117 100

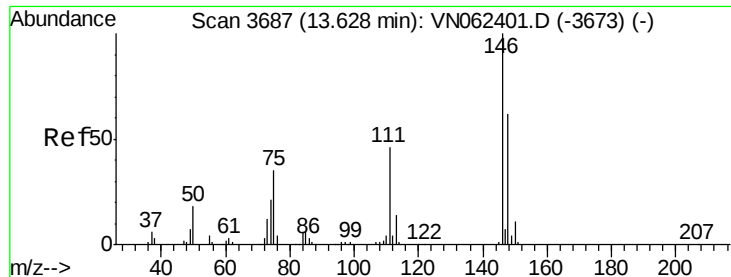
201 78.2 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): VN062401.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062401.D (-3742) (-)

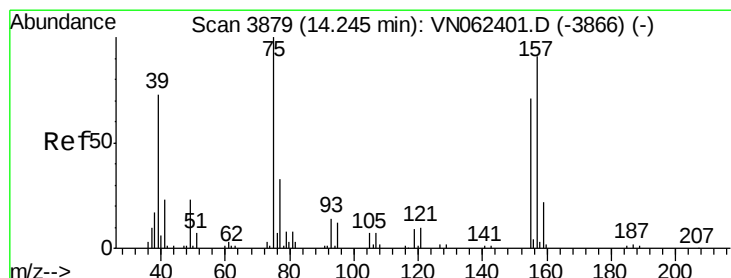
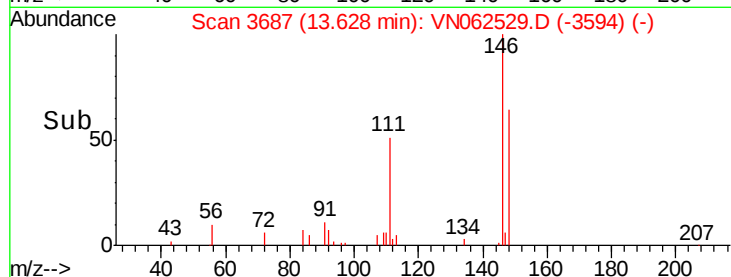
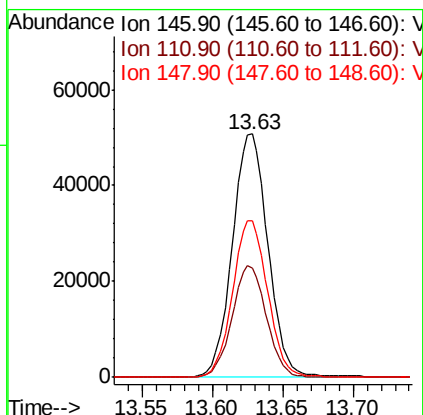
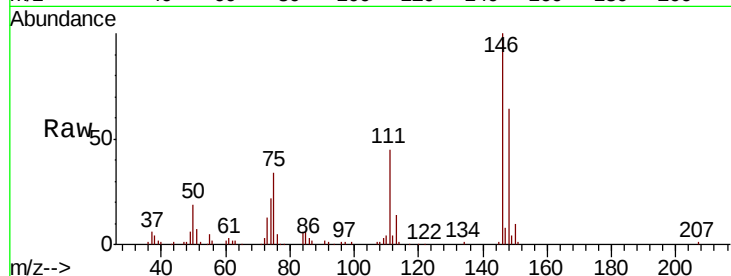




#91
 1,2-Dichlorobenzene
 Concen: 21.207 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

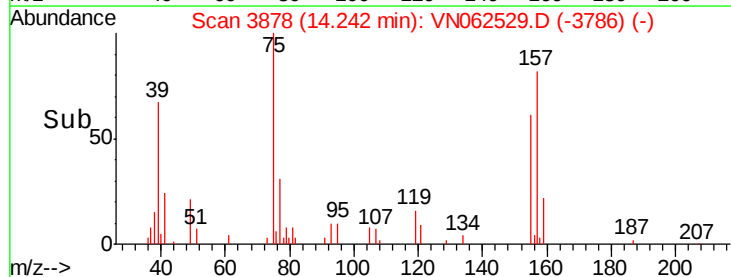
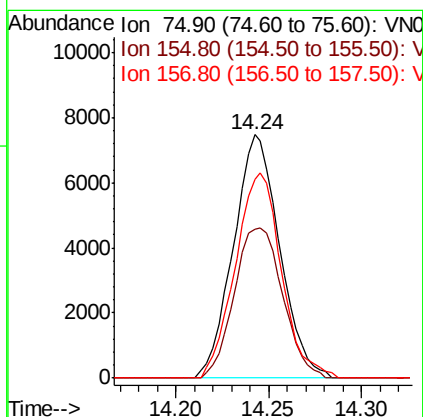
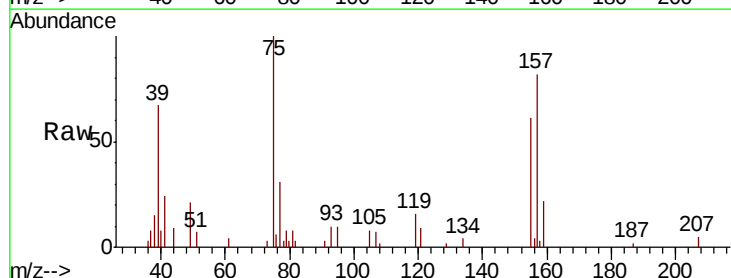
Instrument :
 MSVOA_N
 ClientSampleId :

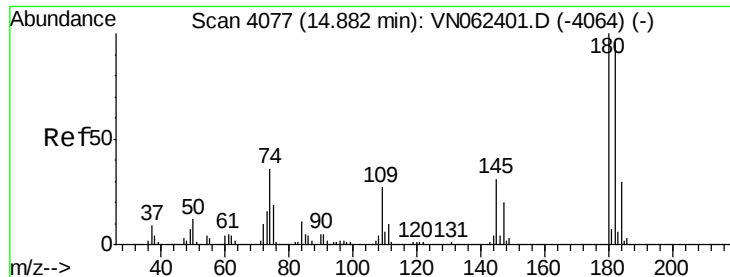
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.5	67.5
148	63.3	31.4	94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.865 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062529.D
 Acq: 15 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	64.6	35.2	105.6
157	84.1	45.8	137.3

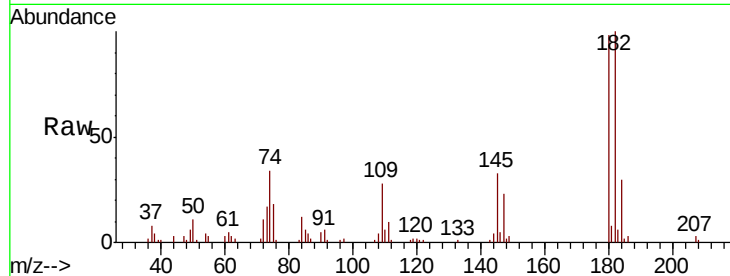




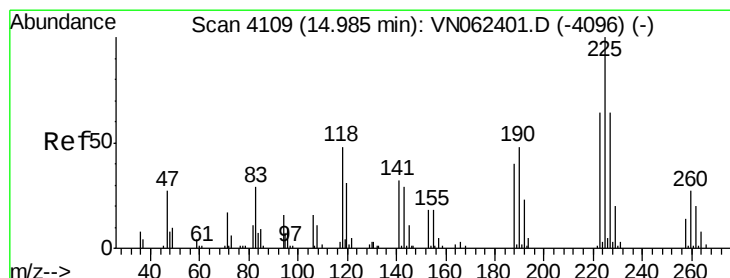
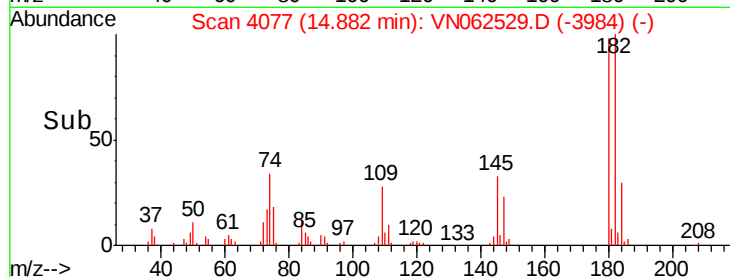
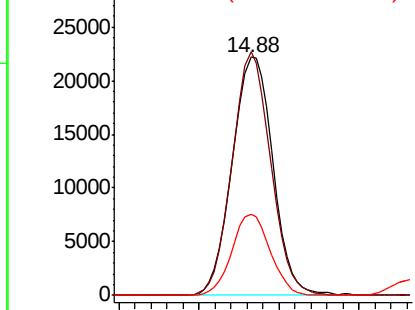
#93
1,2,4-Trichlorobenzene
Concen: 19.087 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:180 Resp: 38322
Ion Ratio Lower Upper
180 100
182 96.6 48.4 145.2
145 32.0 15.5 46.5

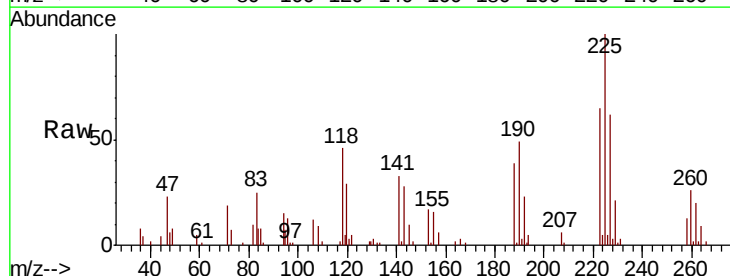


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

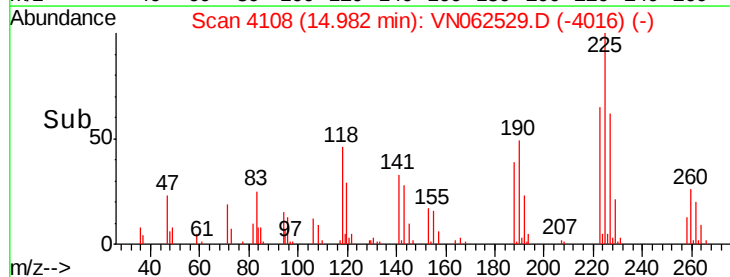
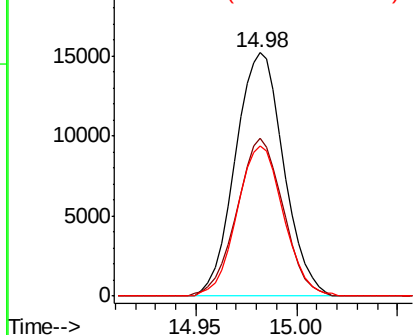


#94
Hexachlorobutadiene
Concen: 22.665 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VN062529.D
Acq: 15 Jul 2020 12:26

Tgt Ion:225 Resp: 25455
Ion Ratio Lower Upper
225 100
223 62.0 32.3 96.8
227 59.7 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.734 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

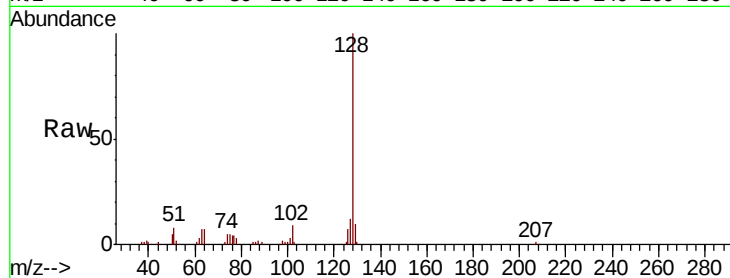
Tot Ion:128 Resp: 95762

Ion Ratio Lower Upper

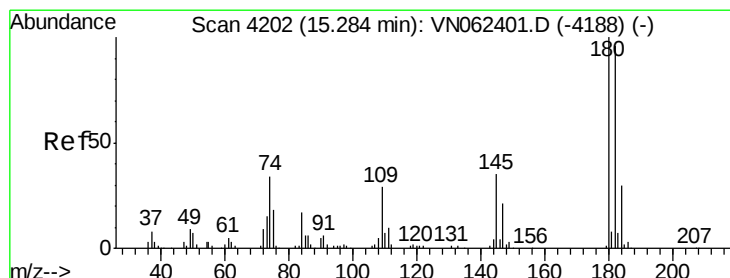
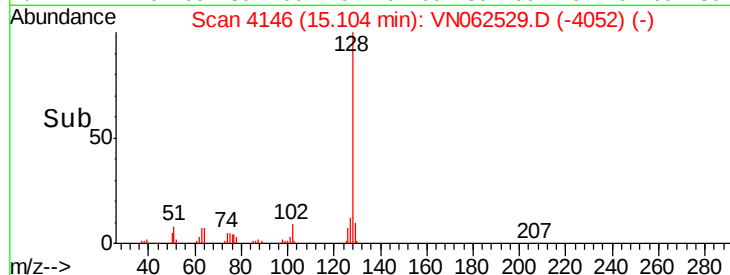
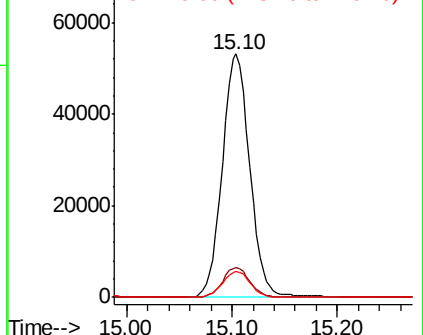
128 100

127 12.2 10.2 15.2

129 10.7 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: 19.108 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062529.D

Acq: 15 Jul 2020 12:26

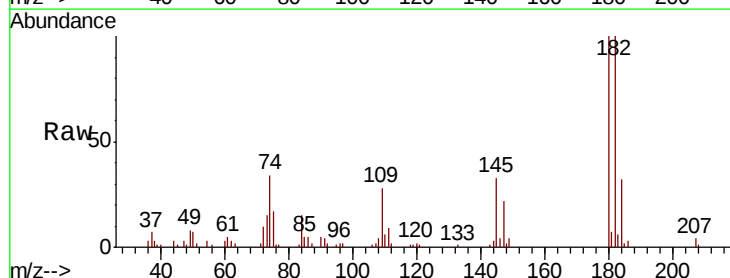
Tgt Ion:180 Resp: 38677

Ion Ratio Lower Upper

180 100

182 97.1 47.8 143.4

145 34.1 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

