

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062455.D
 Acq On : 9 Jul 2020 14:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 9:23:59 AM

Quant Time: Jul 09 15:20:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	225081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	399158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	361905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	170399	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	121362	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.06	98	481492	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.38	95	178391	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	114617	49.993	ug/l	97
3) Chloromethane	2.03	50	166857	45.357	ug/l	100
4) Vinyl Chloride	2.16	62	158449	52.573	ug/l	99
5) Bromomethane	2.52	94	55644	34.376	ug/l	99
6) Chloroethane	2.66	64	96307	54.864	ug/l	97
7) Trichlorofluoromethane	2.98	101	204958	53.545	ug/l	100
8) Diethyl Ether	3.37	74	89761	52.442	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	117822	51.925	ug/l	99
10) Methyl Iodide	3.91	142	91185	30.434	ug/l	100
11) Tert butyl alcohol	4.73	59	145616	253.557	ug/l	100
12) 1,1-Dichloroethene	3.70	96	120567	52.189	ug/l	99
13) Acrolein	3.57	56	98194	237.023	ug/l	98
14) Allyl chloride	4.28	41	266704	49.086	ug/l	96
15) Acrylonitrile	4.93	53	394375	261.839	ug/l	99
16) Acetone	3.77	43	341639	232.435	ug/l	100
17) Carbon Disulfide	4.01	76	353120	48.779	ug/l	100
18) Methyl Acetate	4.28	43	177997	48.526	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	464691	53.054	ug/l	97
20) Methylene Chloride	4.50	84	149472	47.563	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	128464	51.328	ug/l	96
22) Diisopropyl ether	5.91	45	548155	51.064	ug/l	95
23) Vinyl Acetate	5.84	43	2314875	260.321	ug/l	100
24) 1,1-Dichloroethane	5.80	63	284179	51.231	ug/l	99
25) 2-Butanone	6.79	43	542951	252.937	ug/l	97
26) 2,2-Dichloropropane	6.77	77	215935	50.771	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	153853	53.072	ug/l	98
28) Bromochloromethane	7.15	49	141791	47.050	ug/l	97
29) Tetrahydrofuran	7.17	42	370186	256.149	ug/l	98
30) Chloroform	7.33	83	264178	52.747	ug/l	99
31) Cyclohexane	7.61	56	251255	47.780	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	218929	52.551	ug/l	99
36) 1,1-Dichloropropene	7.75	75	202714	50.408	ug/l	100
37) Ethyl Acetate	6.88	43	230159	48.946	ug/l	99
38) Carbon Tetrachloride	7.73	117	186303	51.530	ug/l	99

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Quant Time: Jul 09 15:20:45 2020
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 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	222623	51.853	ug/l	96
40) Benzene	8.00	78	597858	50.443	ug/l	99
41) Methacrylonitrile	7.12	41	94737	48.220	ug/l	94
42) 1,2-Dichloroethane	8.09	62	222625	51.299	ug/l	100
43) Isopropyl Acetate	8.13	43	381303	51.330	ug/l	94
44) Trichloroethene	8.80	130	135806	51.644	ug/l	97
45) 1,2-Dichloropropane	9.09	63	172040	50.003	ug/l	98
46) Dibromomethane	9.18	93	99282	51.133	ug/l	100
47) Bromodichloromethane	9.37	83	215231	51.849	ug/l	98
48) Methyl methacrylate	9.17	41	184651	50.675	ug/l	98
49) 1,4-Dioxane	9.17	88	55423	1044.989	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1152823	259.830	ug/l	99
52) Toluene	10.12	92	353921	51.698	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	242886	52.226	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	262683	51.192	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	139251	51.717	ug/l	97
56) Ethyl methacrylate	10.40	69	247253	49.901	ug/l	99
57) 1,3-Dichloropropane	10.68	76	257312	51.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	436686	273.376	ug/l	97
59) 2-Hexanone	10.72	43	838153	260.214	ug/l	98
60) Dibromochloromethane	10.87	129	153911	52.719	ug/l	99
61) 1,2-Dibromoethane	10.98	107	144678	53.229	ug/l	100
64) Tetrachloroethene	10.60	164	111072	51.721	ug/l	98
65) Chlorobenzene	11.41	112	371012	52.747	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	136655	52.685	ug/l	99
67) Ethyl Benzene	11.48	91	699075	52.949	ug/l	99
68) m/p-Xylenes	11.60	106	502292	107.467	ug/l	98
69) o-Xylene	11.92	106	245583	53.966	ug/l	97
70) Styrene	11.94	104	416232	55.343	ug/l	100
71) Bromoform	12.10	173	104236	54.819	ug/l #	99
73) Isopropylbenzene	12.22	105	659941	52.338	ug/l	100
74) N-amyl acetate	12.04	43	337072	54.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	220464	52.000	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	194247m	48.584	ug/l	
77) Bromobenzene	12.50	156	148817	51.914	ug/l	97
78) n-propylbenzene	12.56	91	779998	52.957	ug/l	100
79) 2-Chlorotoluene	12.65	91	465249	52.045	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	552688	53.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	69879	46.780	ug/l	99
82) 4-Chlorotoluene	12.75	91	478445	52.719	ug/l	99
83) tert-Butylbenzene	12.97	119	467247	53.265	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	544697	53.014	ug/l	99
85) sec-Butylbenzene	13.15	105	622877	53.586	ug/l	100
86) p-Isopropyltoluene	13.27	119	546792	54.502	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	262907	53.163	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	263452	51.774	ug/l	99
89) n-Butylbenzene	13.59	91	472399	53.328	ug/l	100
90) Hexachloroethane	13.85	117	97578	49.444	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	257728	53.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	42012	54.300	ug/l	99

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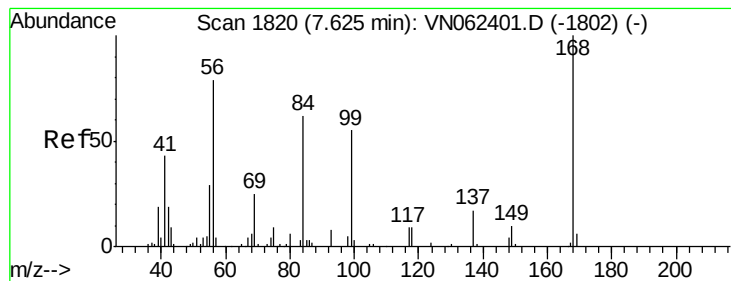
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	126178	54.898	ug/l	99
94) Hexachlorobutadiene	14.98	225	66805	52.622	ug/l	96
95) Naphthalene	15.10	128	355788	56.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	125948	48.989	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 225081

Ion Ratio Lower Upper

168 100

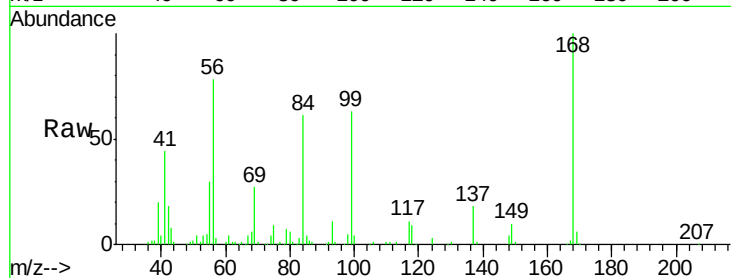
99 62.4 48.8 73.2

Manual Integrations

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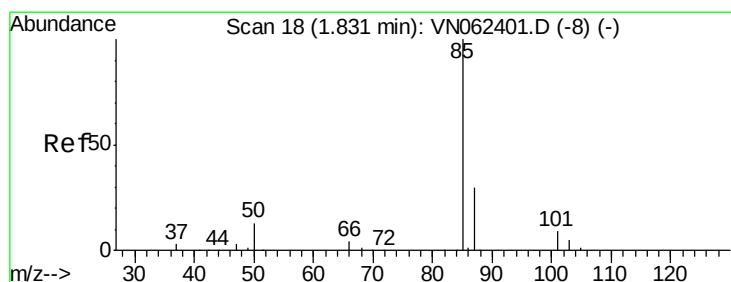
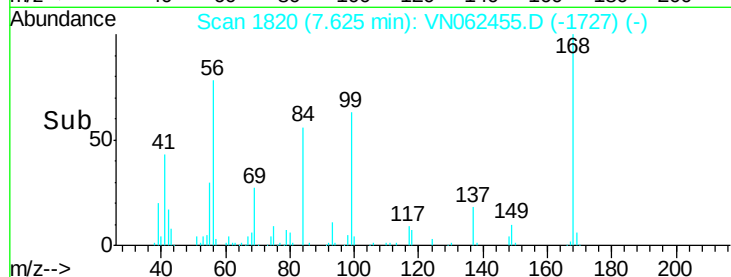
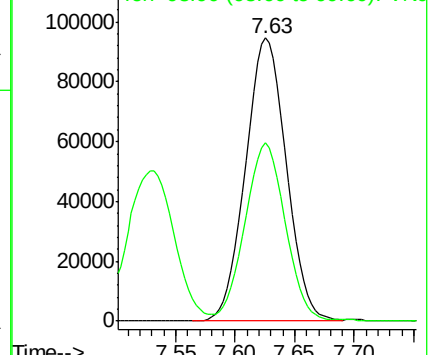
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.993 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062455.D

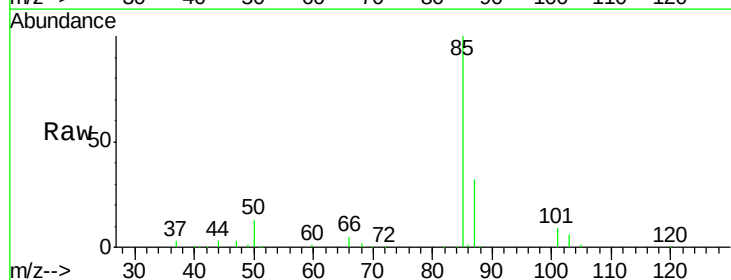
Acq: 9 Jul 2020 14:17

Tgt Ion: 85 Resp: 114617

Ion Ratio Lower Upper

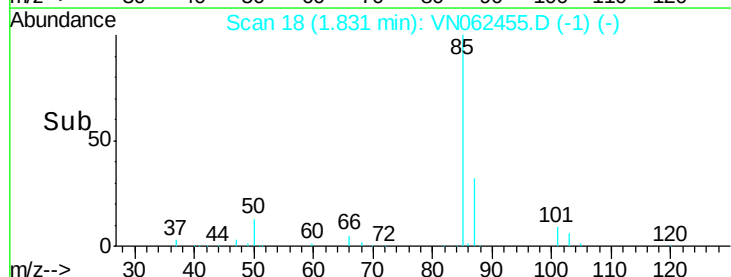
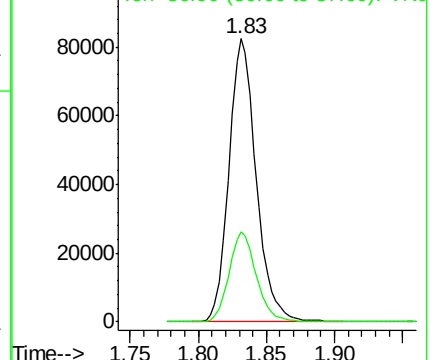
85 100

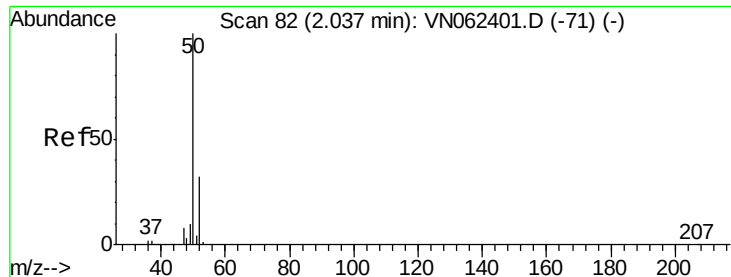
87 32.0 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 45.357 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 166857

Ion Ratio Lower Upper

50 100

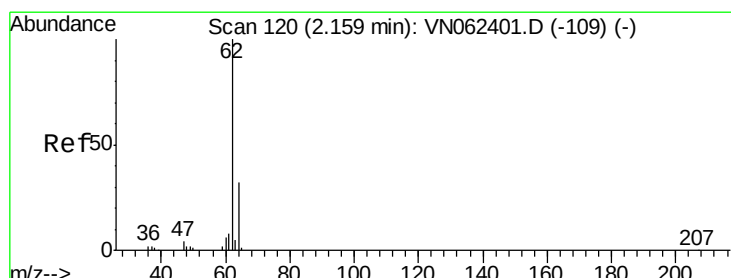
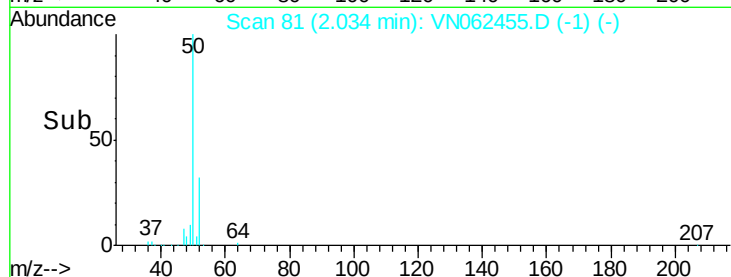
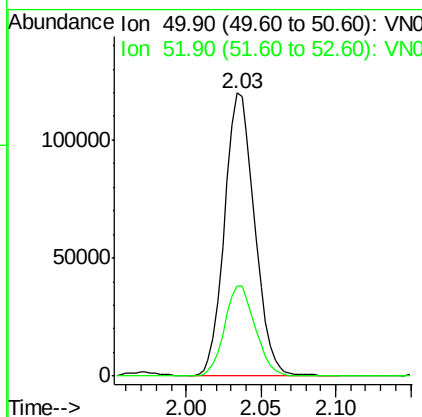
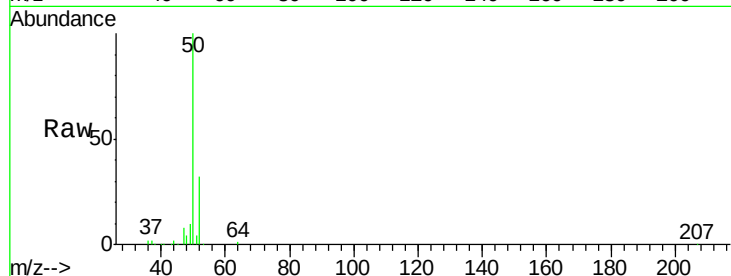
52 32.0 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.573 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062455.D

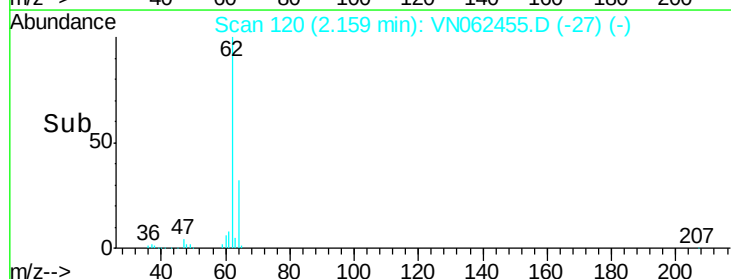
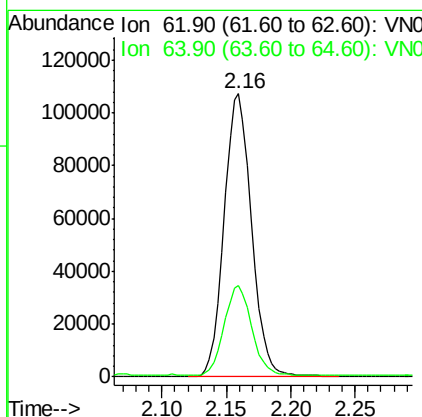
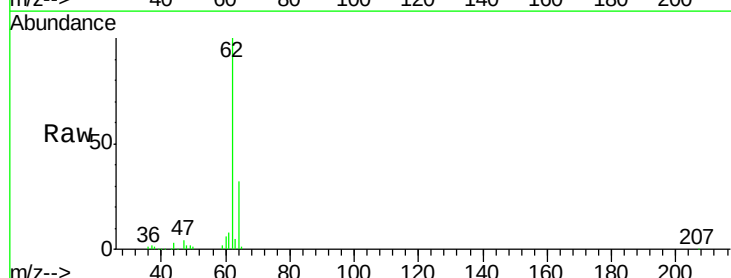
Acq: 9 Jul 2020 14:17

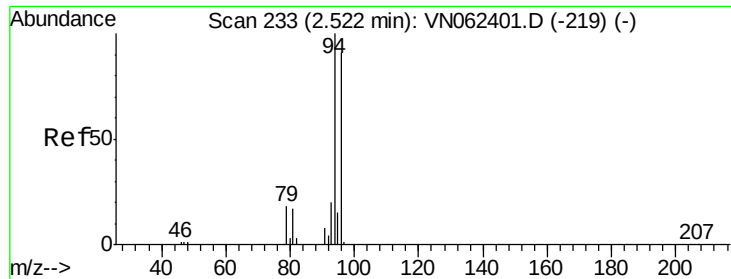
Tgt Ion: 62 Resp: 158449

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 34.376 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 55644

Ion Ratio Lower Upper

94 100

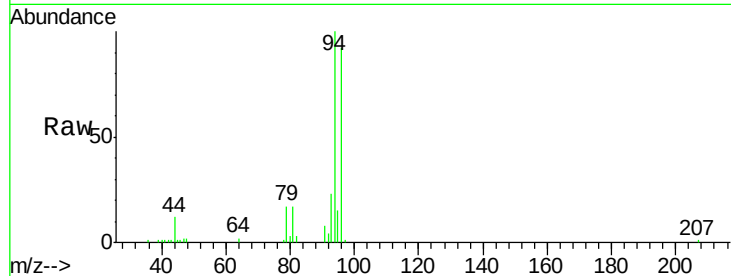
96 92.2 73.2 109.8

Manual Integrations

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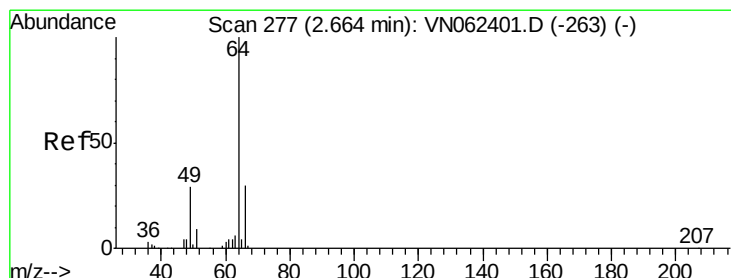
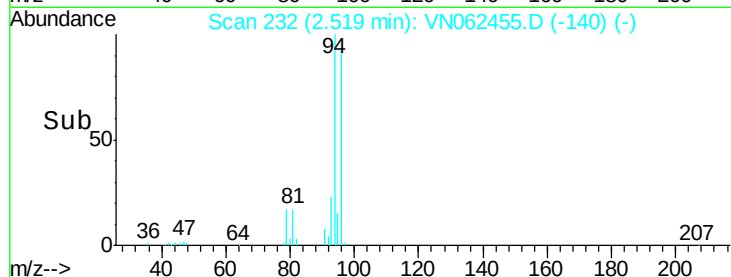


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

Time-->



#6

Chloroethane

Concen: 54.864 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062455.D

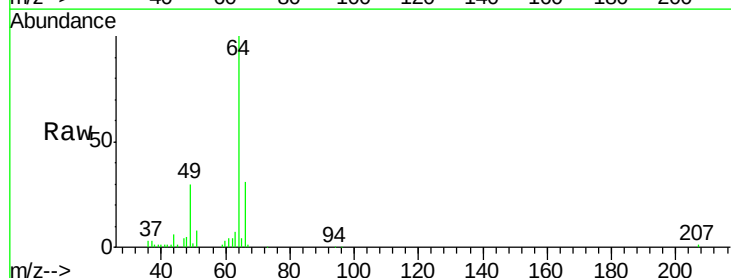
Acq: 9 Jul 2020 14:17

Tgt Ion: 64 Resp: 96307

Ion Ratio Lower Upper

64 100

66 31.7 24.2 36.2

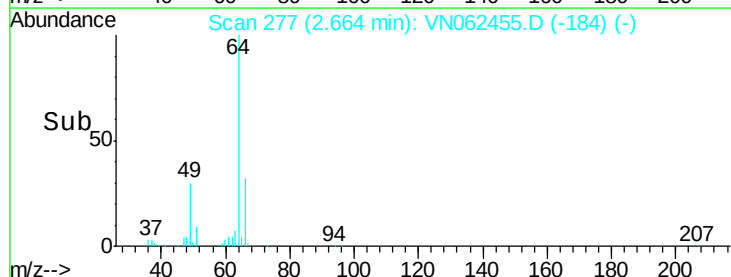


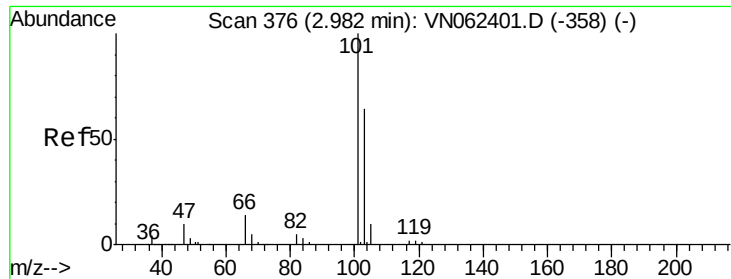
Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

Time-->





#7

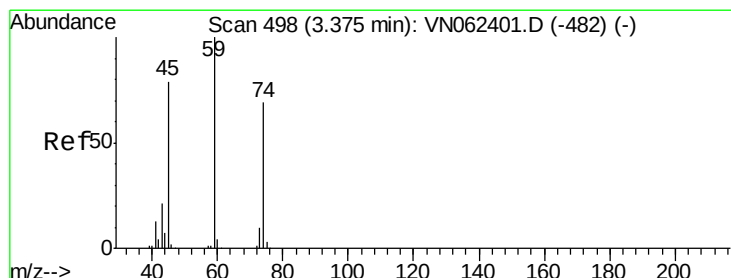
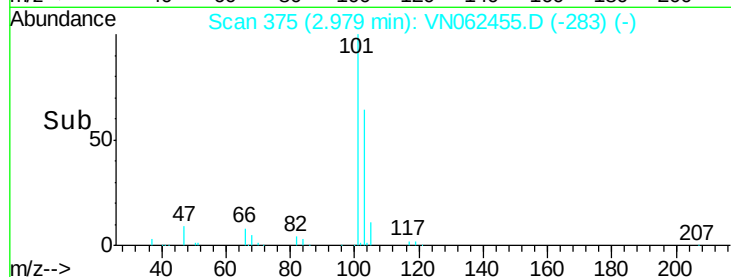
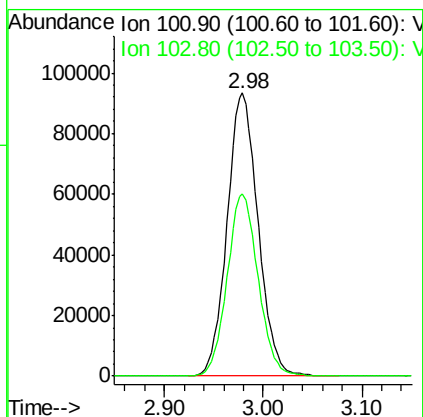
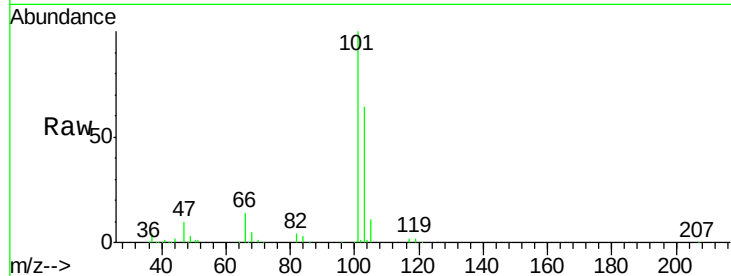
Trichlorofluoromethane
 Concen: 53.545 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.6	77.4

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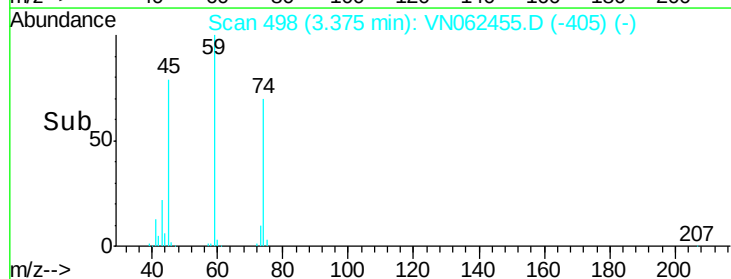
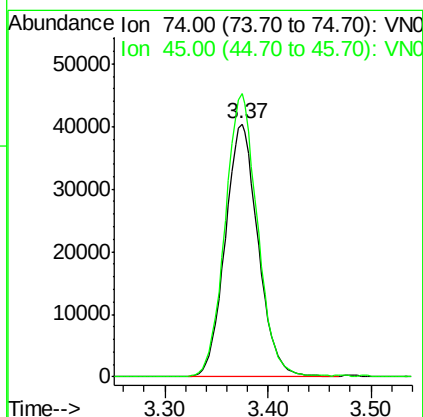
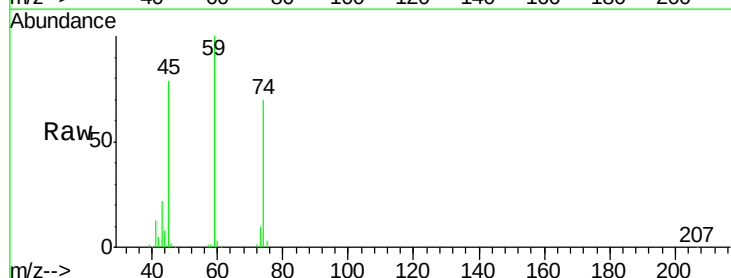
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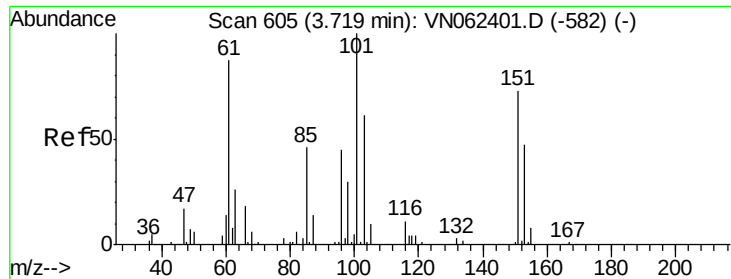


#8

Diethyl Ether
 Concen: 52.442 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.5	58.5	175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.925 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

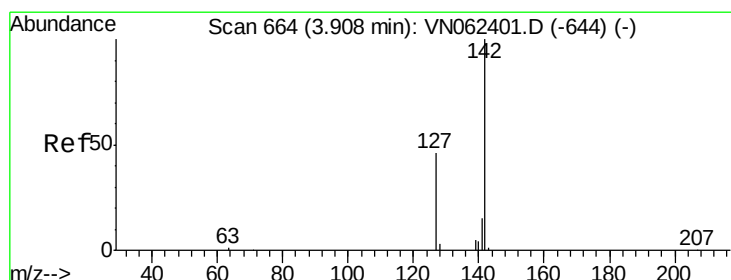
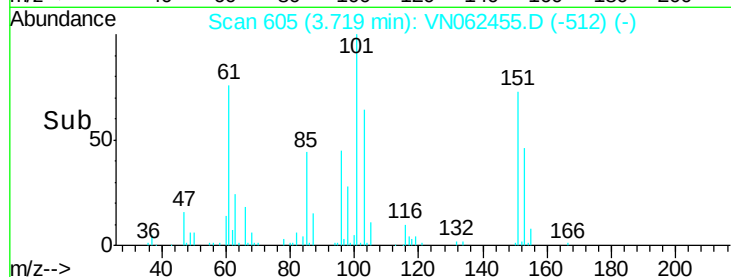
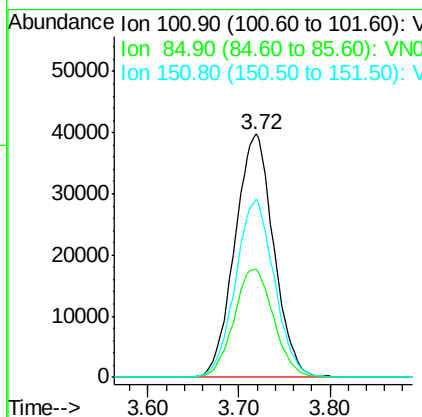
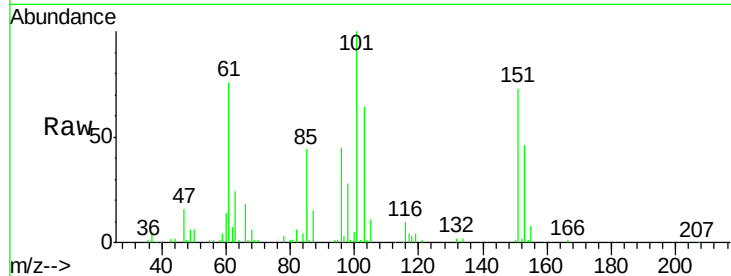
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	117822
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.7	55.1
151	73.2	58.3	87.5

Manual Integrations
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#10

Methyl Iodide

Concen: 30.434 ug/l

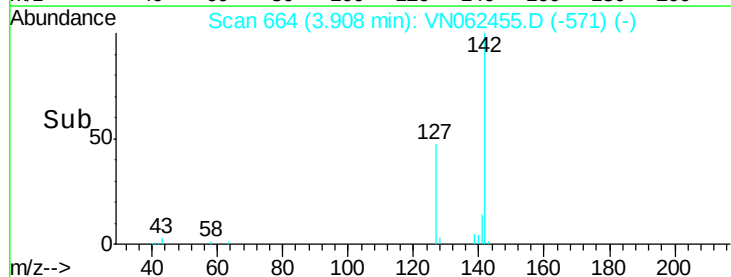
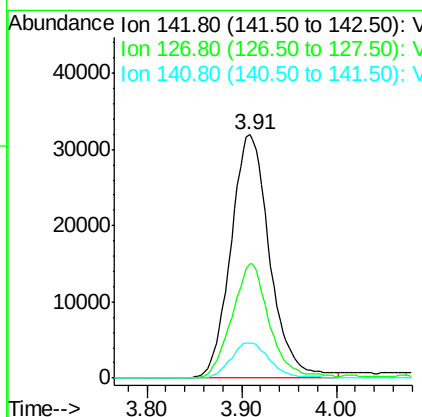
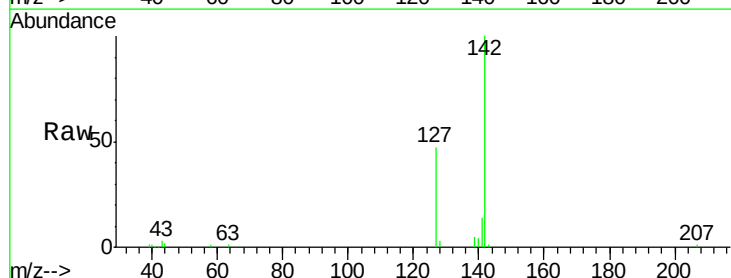
RT: 3.91 min Scan# 664

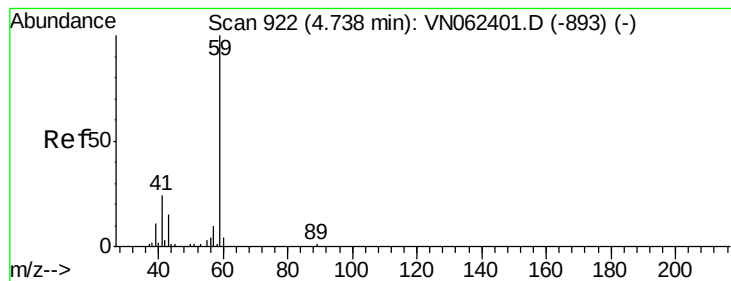
Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion:	142	Resp:	91185
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.1	54.1
141	14.4	11.4	17.0





#11

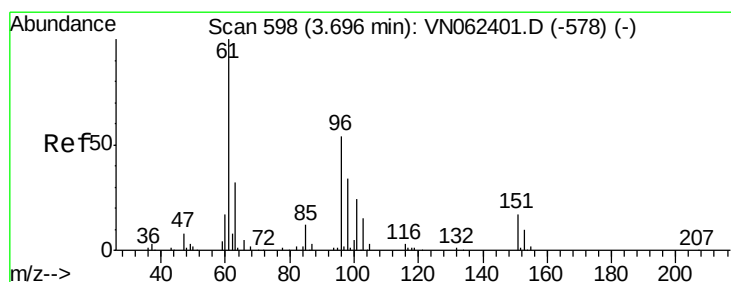
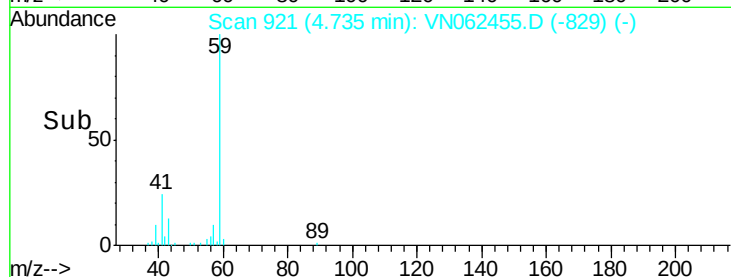
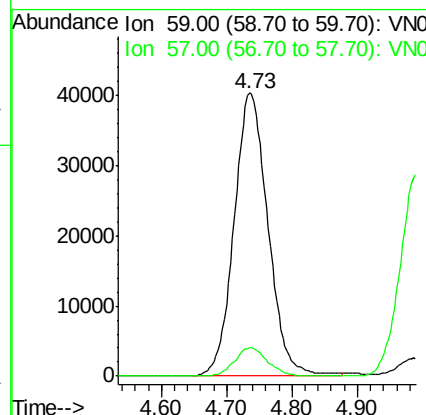
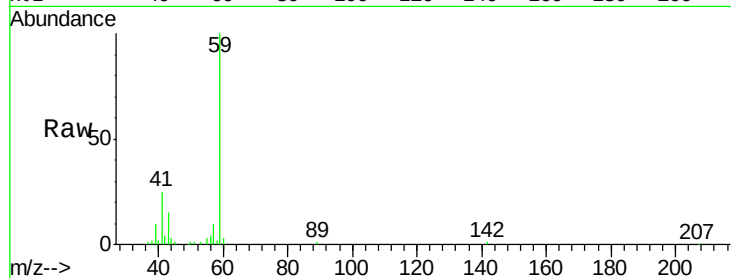
Tert butyl alcohol
 Concen: 253.557 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.6

Manual Integrations
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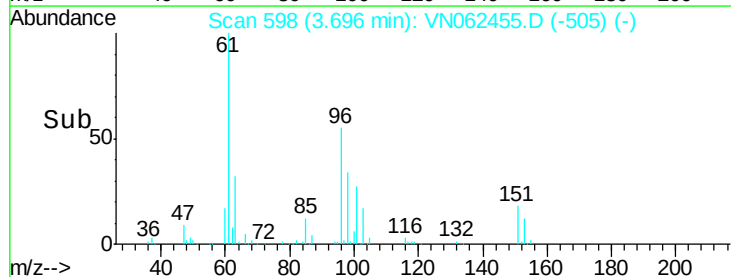
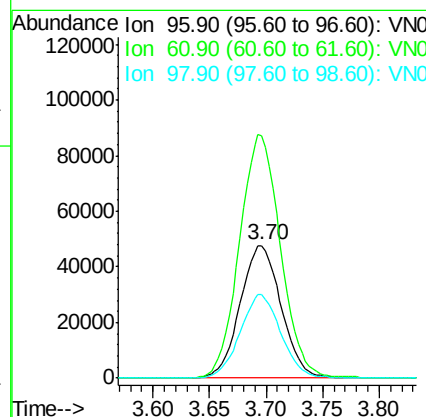
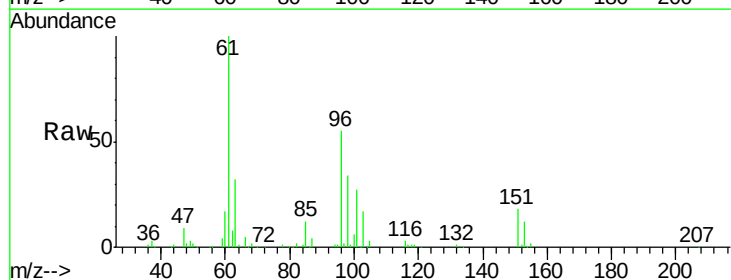
MMDadoda
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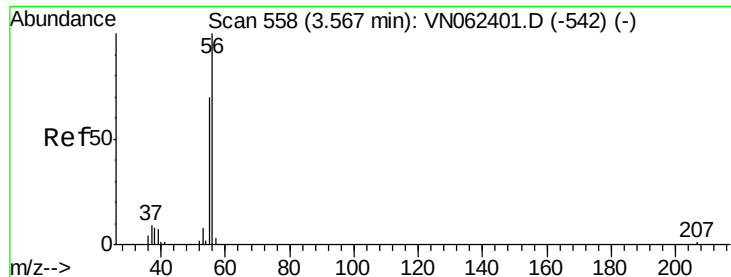


#12

1,1-Dichloroethene
 Concen: 52.189 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.4	147.4	221.0
98	62.5	50.4	75.6





#13

Acrolein

Concen: 237.023 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 98194

Ion Ratio Lower Upper

56 100

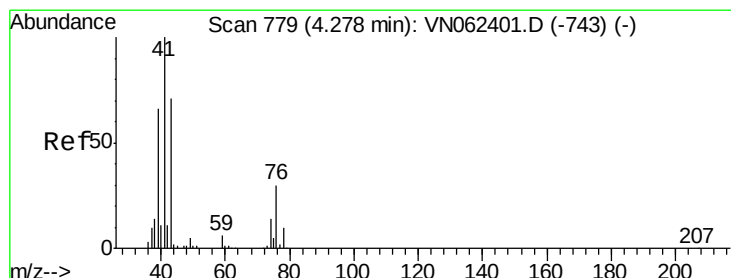
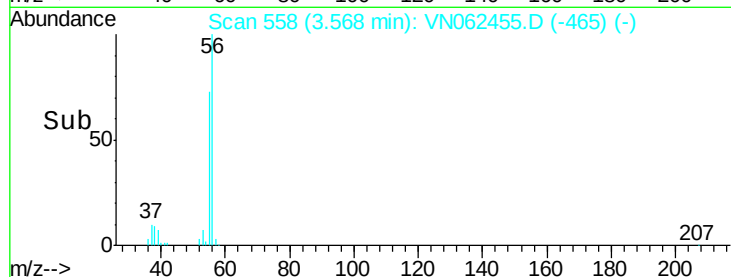
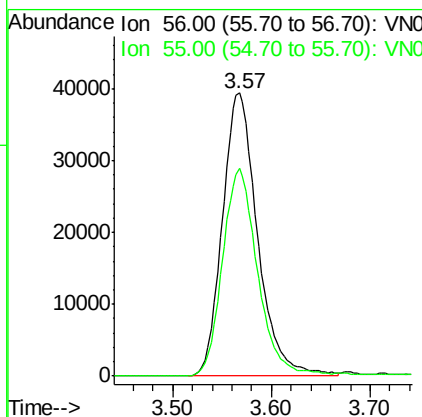
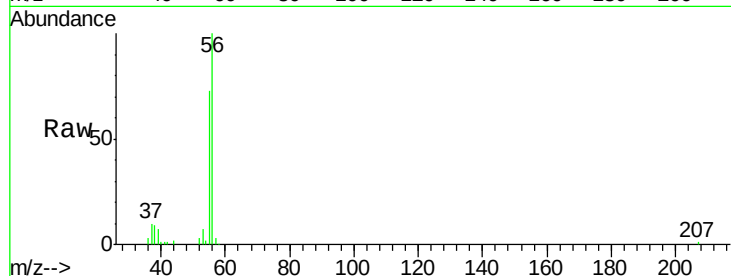
55 73.1 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 49.086 ug/l

RT: 4.28 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

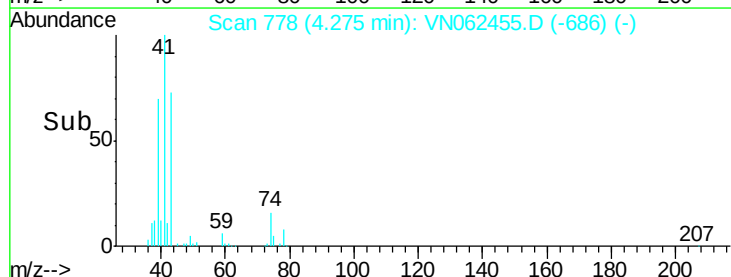
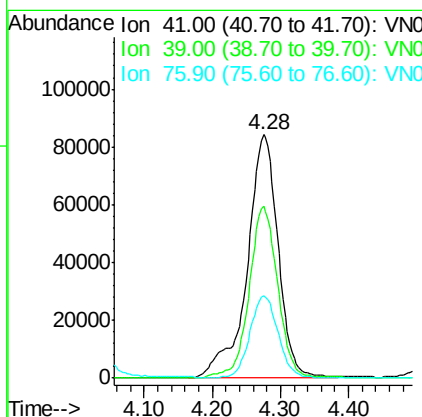
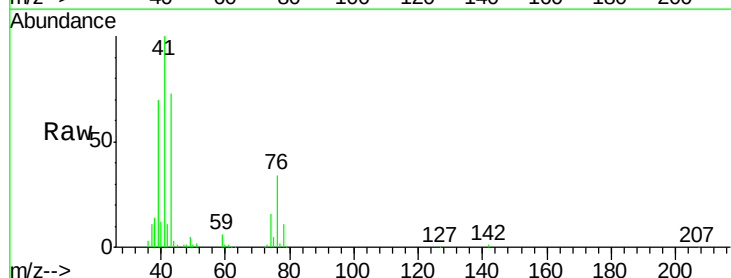
Tgt Ion: 41 Resp: 266704

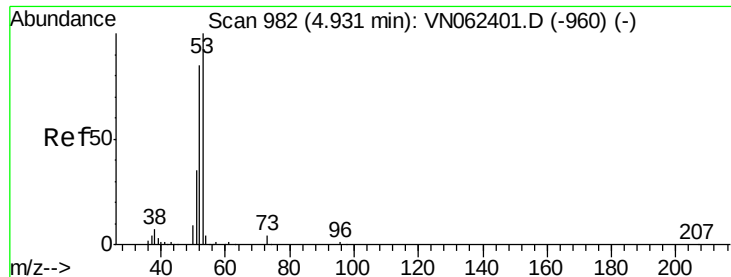
Ion Ratio Lower Upper

41 100

39 64.7 49.6 74.4

76 29.8 22.2 33.4





#15

Acrylonitrile

Concen: 261.839 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

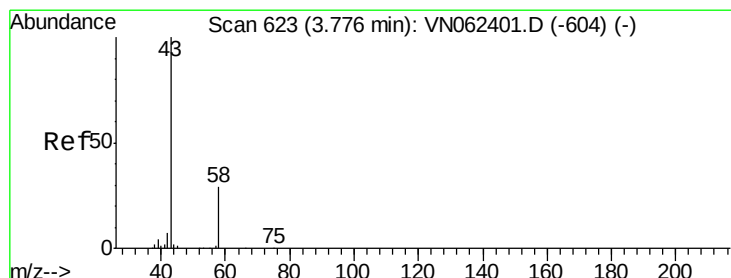
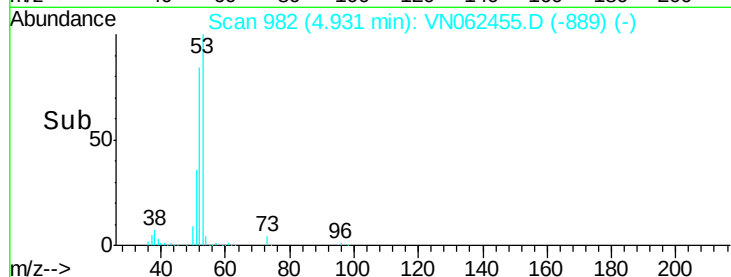
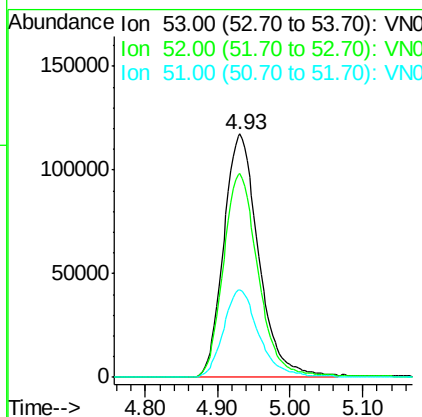
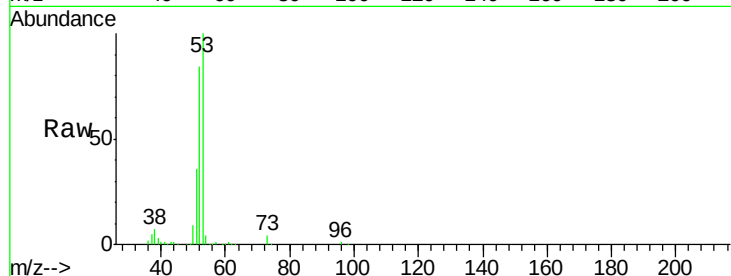
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	394375
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.4
51	36.6	28.7	43.1

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#16

Acetone

Concen: 232.435 ug/l

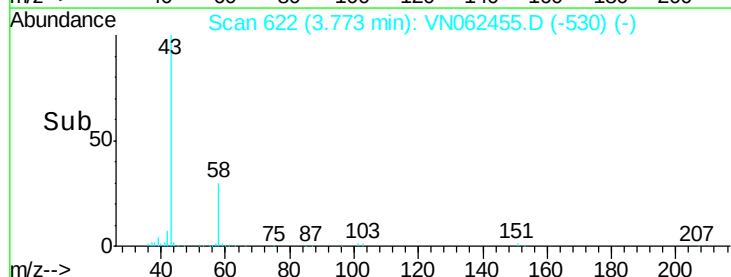
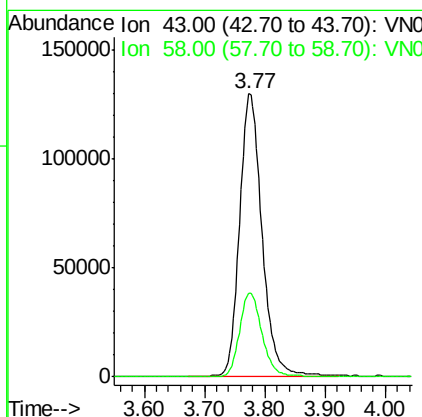
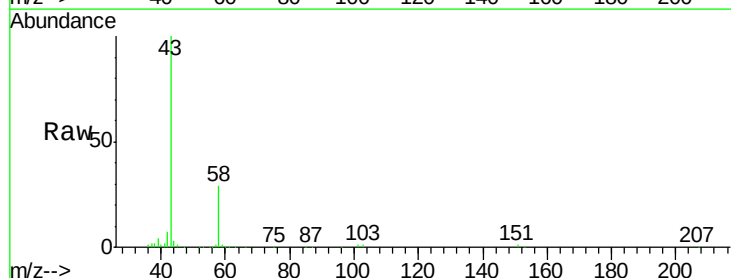
RT: 3.77 min Scan# 622

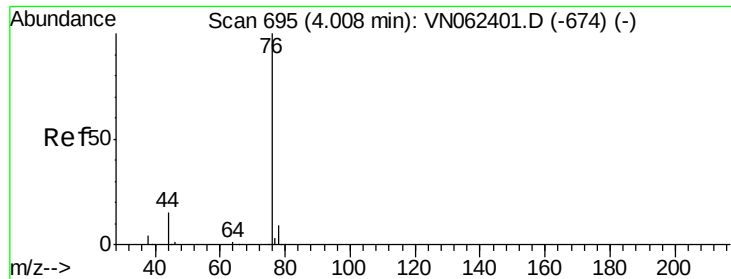
Delta R.T. -0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion	43	Resp	341639
Ion	Ratio	Lower	Upper
43	100		
58	29.5	23.5	35.3





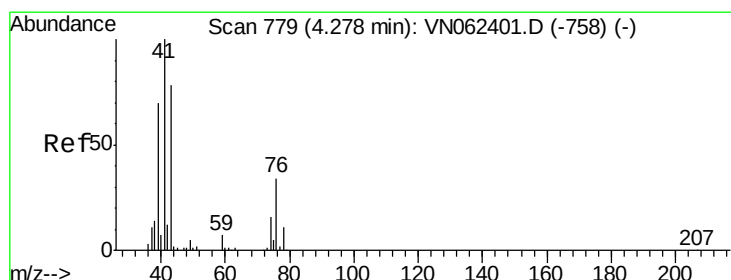
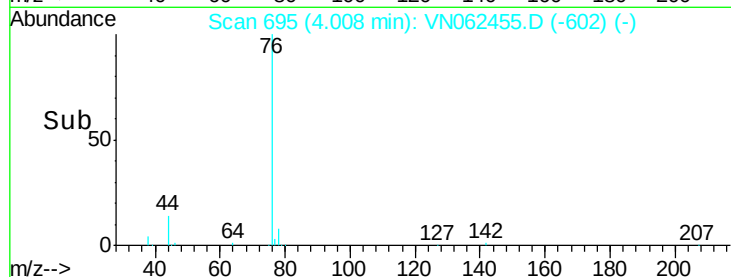
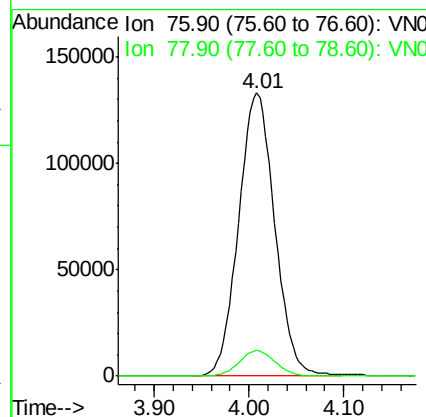
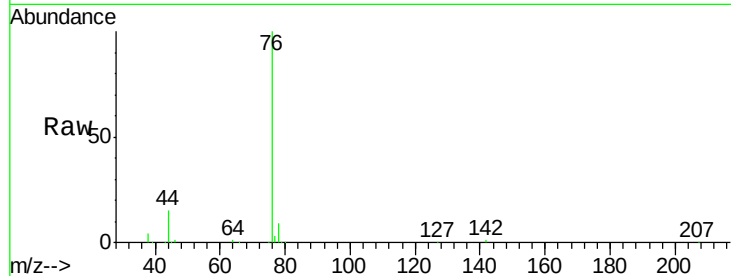
#17
Carbon Disulfide
Concen: 48.779 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

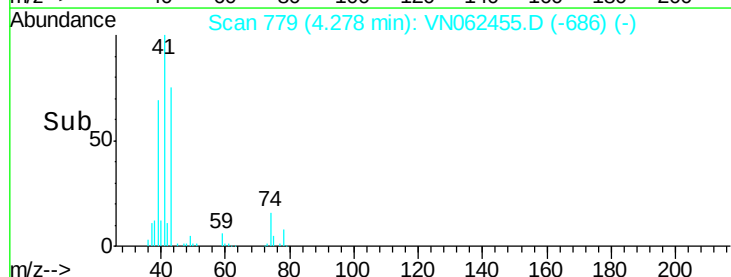
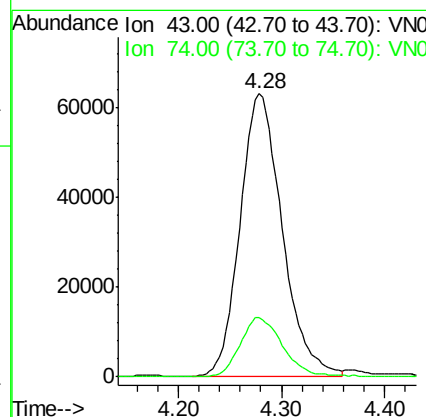
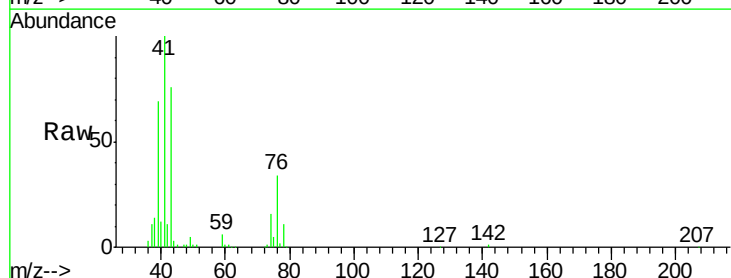
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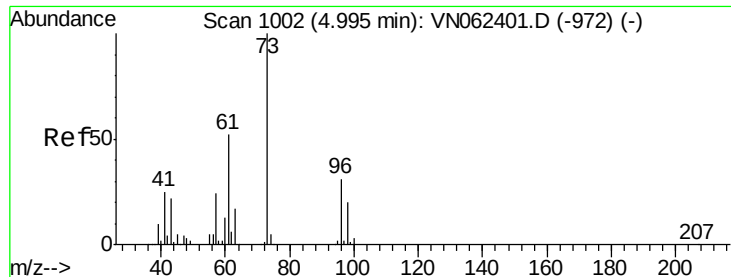
MMDadoda
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#18
Methyl Acetate
Concen: 48.526 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.0	24.0





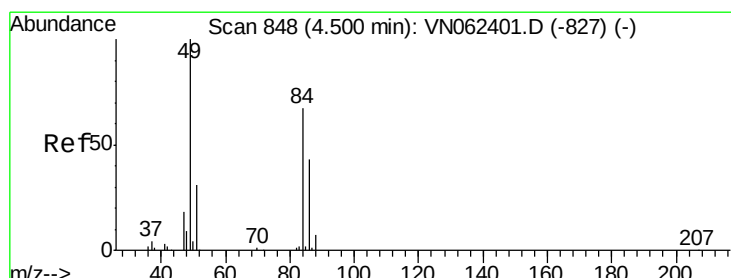
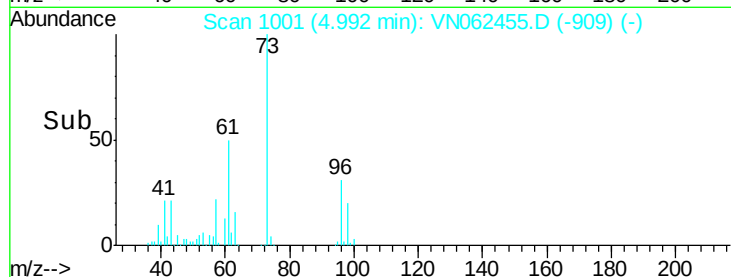
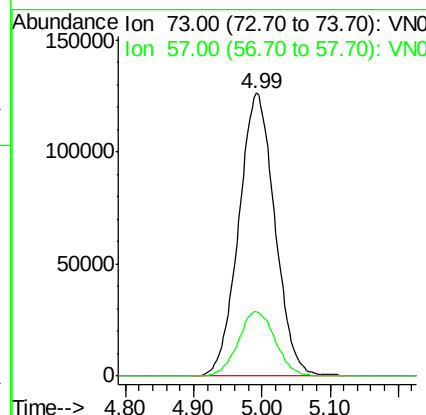
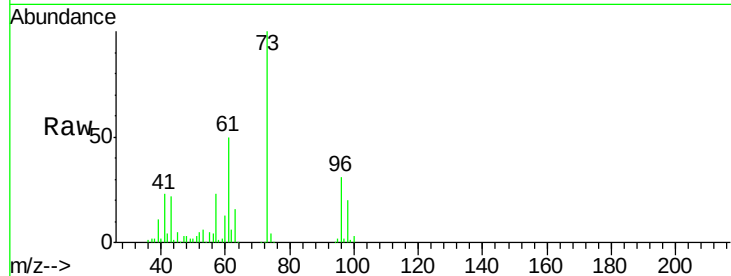
#19
Methyl tert-butyl Ether
Concen: 53.054 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 464691
Ion Ratio Lower Upper
73 100
57 22.7 19.4 29.0

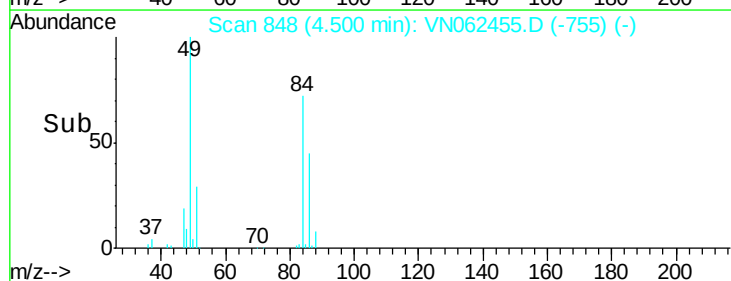
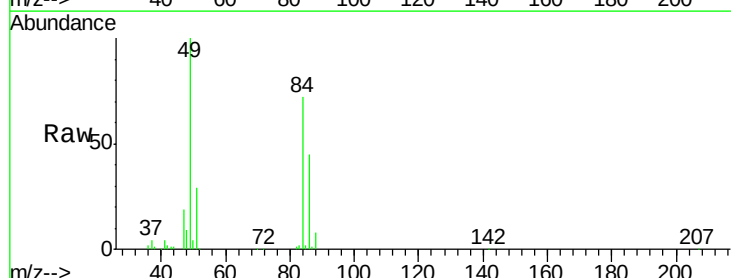
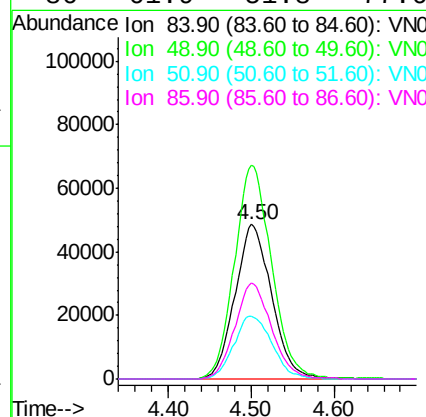
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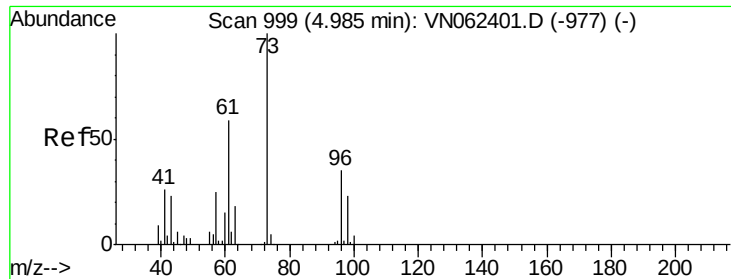
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#20
Methylene Chloride
Concen: 47.563 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 84 Resp: 149472
Ion Ratio Lower Upper
84 100
49 138.3 120.0 180.0
51 40.6 37.0 55.6
86 61.9 51.8 77.6





#21

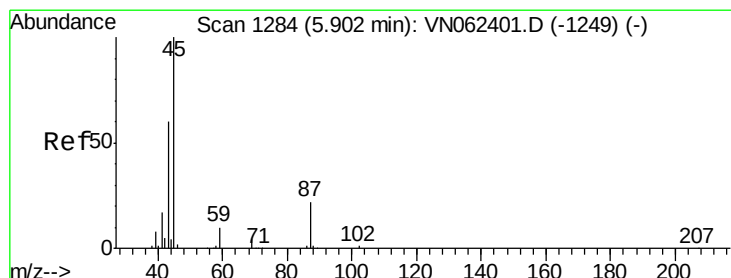
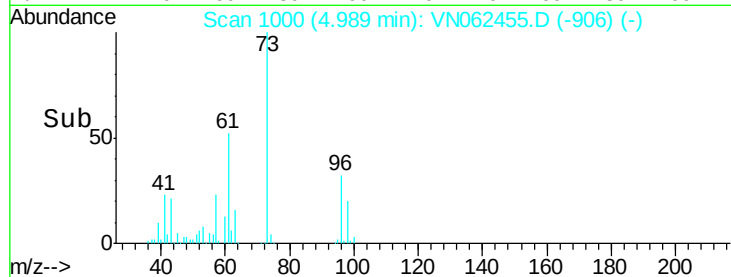
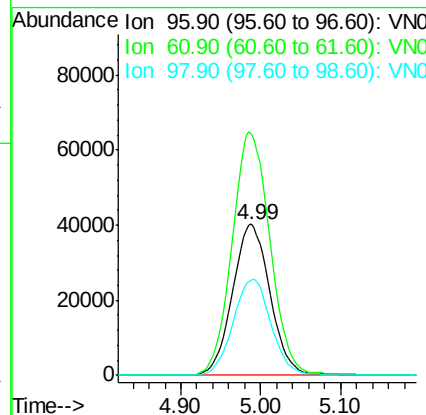
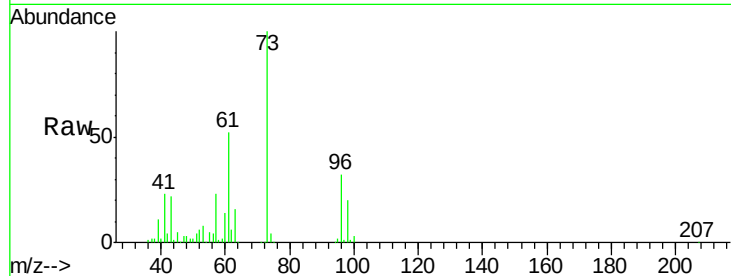
trans-1,2-Dichloroethene
Concen: 51.328 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.7	133.5	200.3
98	63.3	51.9	77.9

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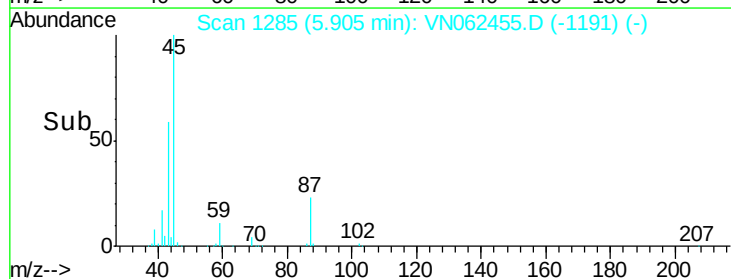
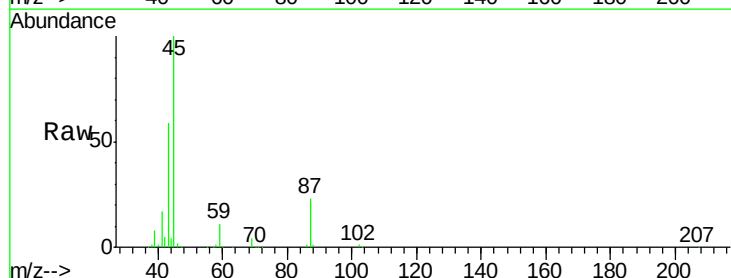
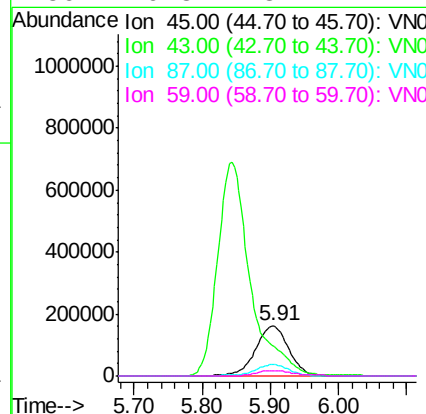
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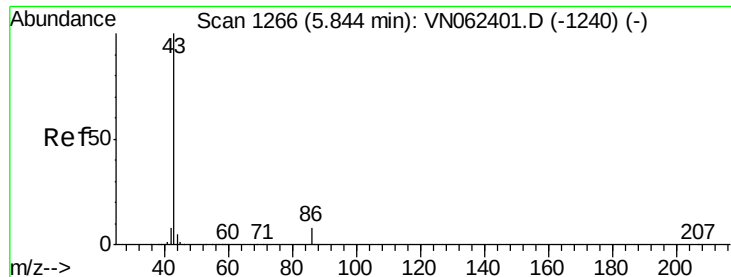


#22

Diisopropyl ether
Concen: 51.064 ug/l
RT: 5.91 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.5	50.1	75.1
87	22.5	18.2	27.4
59	10.8	8.2	12.2





#23

Vinyl Acetate

Concen: 260.321 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2314875

Ion Ratio Lower Upper

43 100

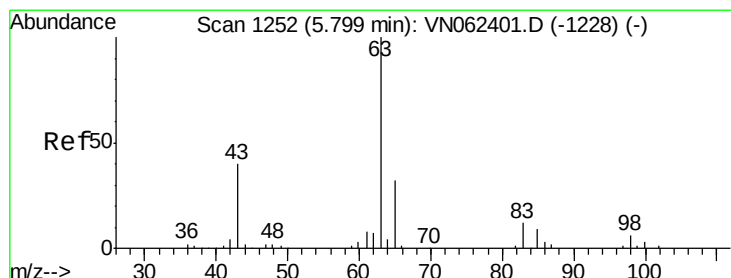
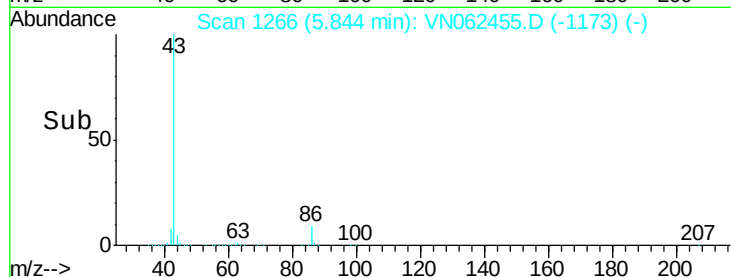
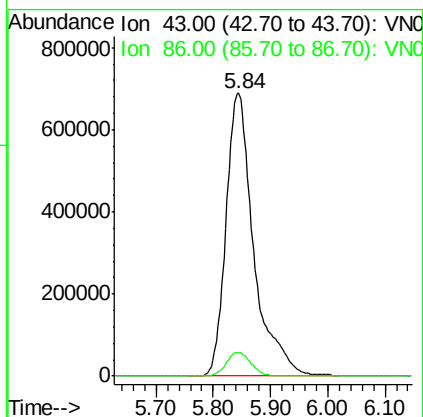
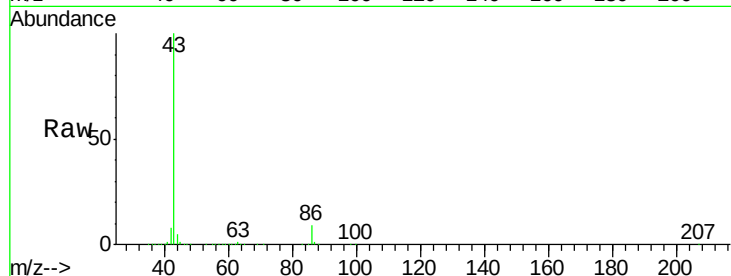
86 8.5 6.7 10.1

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#24

1,1-Dichloroethane

Concen: 51.231 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

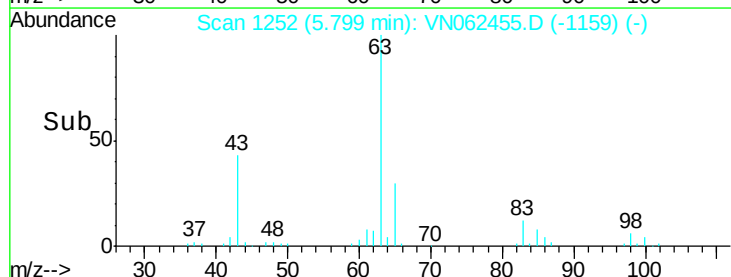
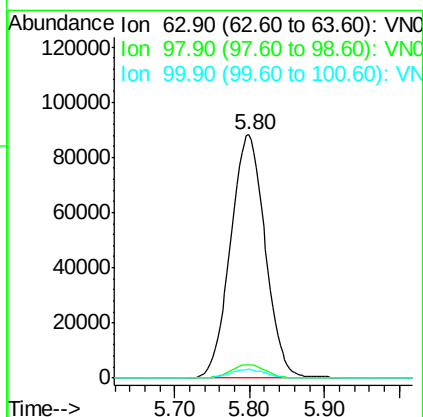
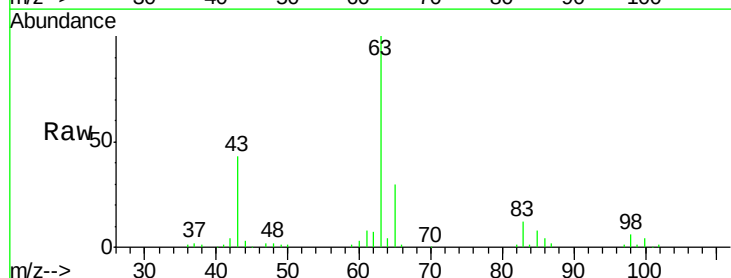
Tgt Ion: 63 Resp: 284179

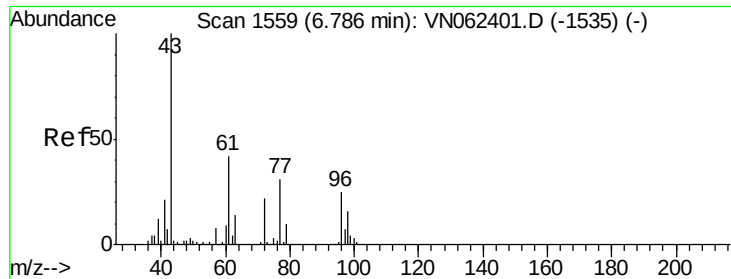
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.6 1.8 5.3





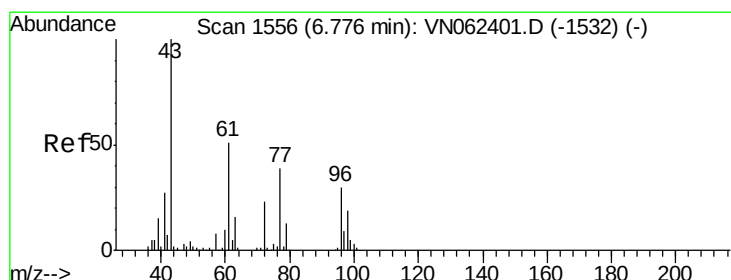
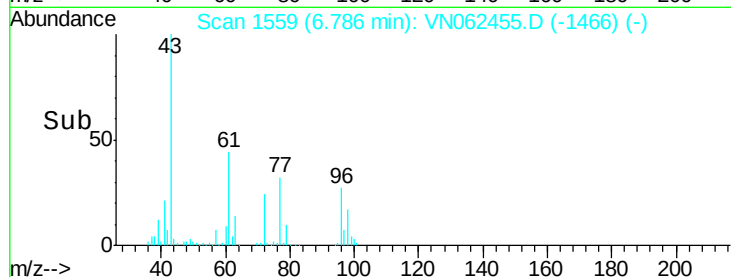
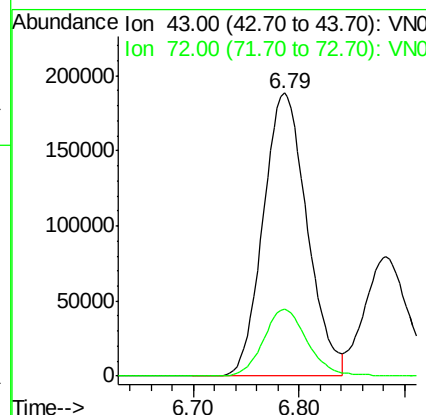
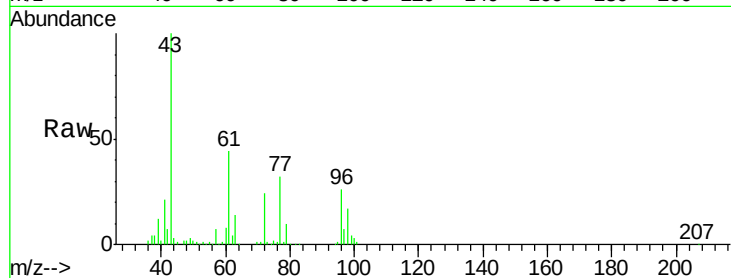
#25
2-Butanone
Concen: 252.937 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 542951
Ion Ratio Lower Upper
43 100
72 23.6 17.9 26.9

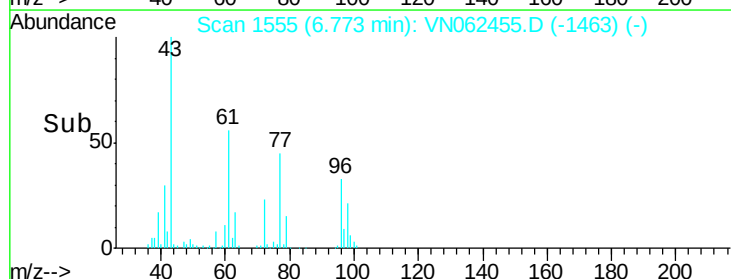
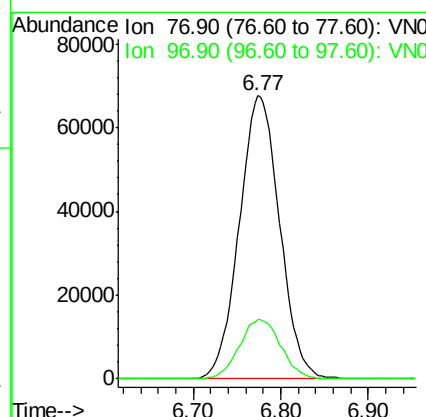
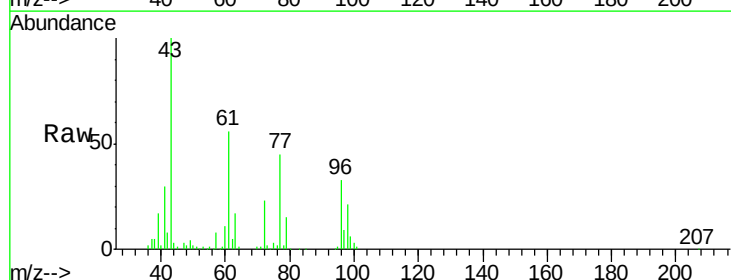
Manual Integrations
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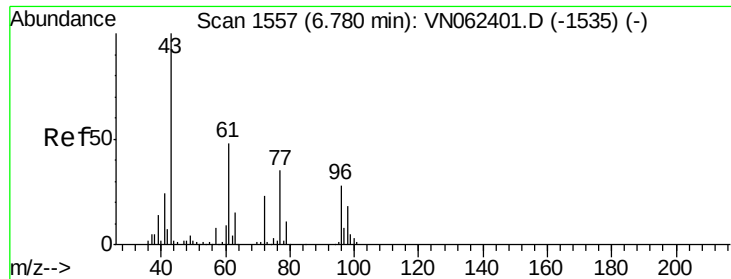
MMDadoda
7/10/2020 9:23:59 AM



#26
2,2-Dichloropropane
Concen: 50.771 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 77 Resp: 215935
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.072 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

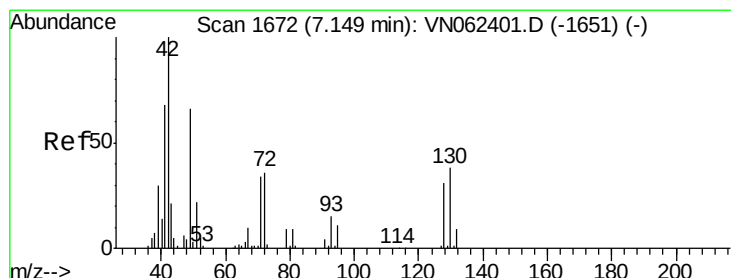
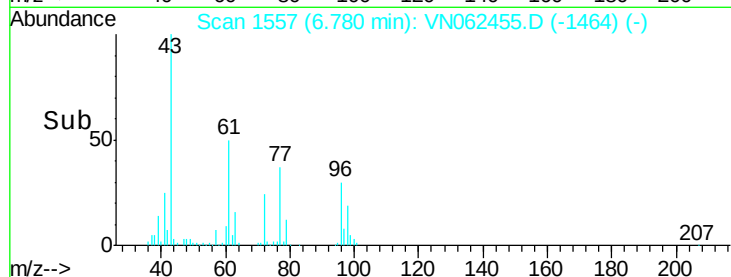
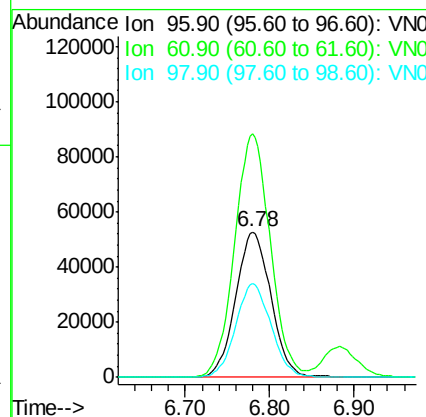
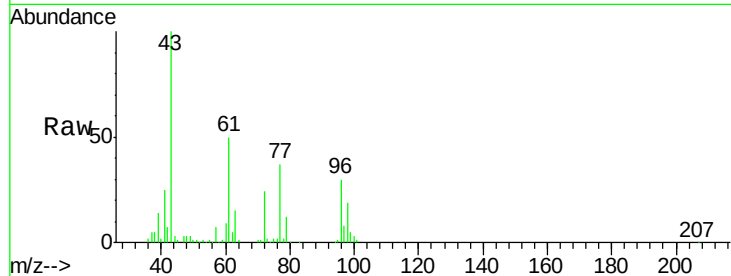
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	153853
Ion	Ratio	Lower	Upper
96	100		
61	168.6	0.0	343.4
98	64.7	0.0	128.4

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#28

Bromochloromethane

Concen: 47.050 ug/l

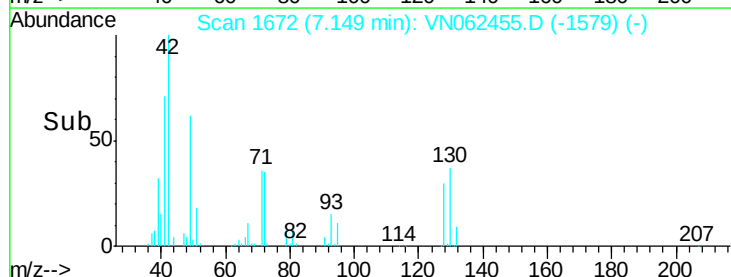
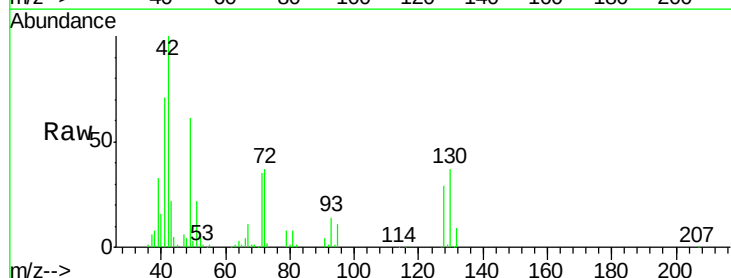
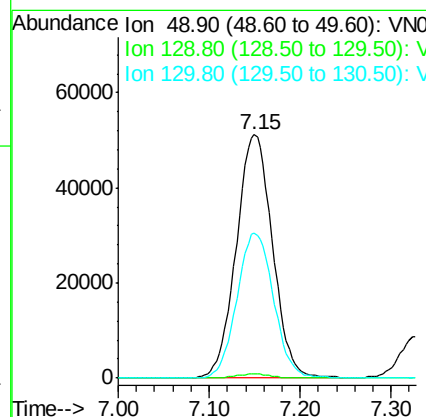
RT: 7.15 min Scan# 1672

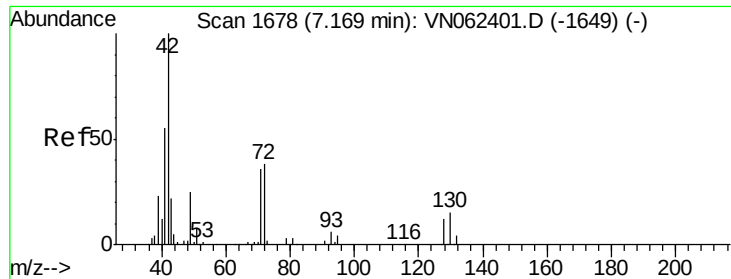
Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion:	49	Resp:	141791
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.8
130	60.2	46.5	69.7





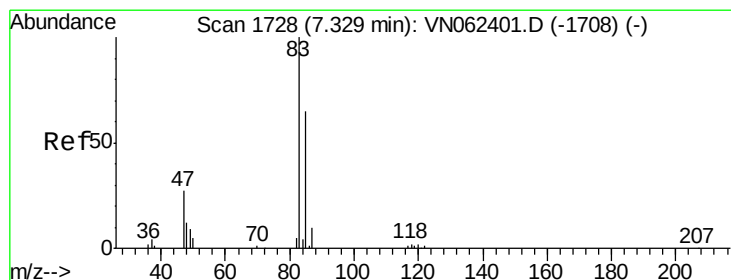
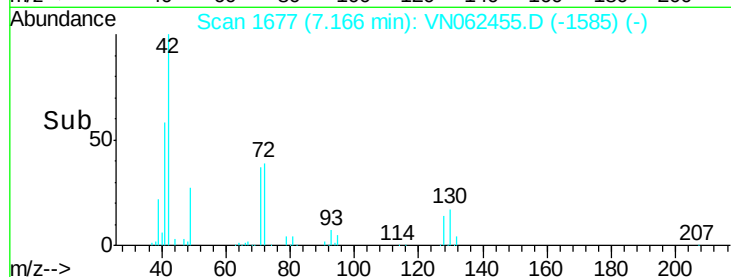
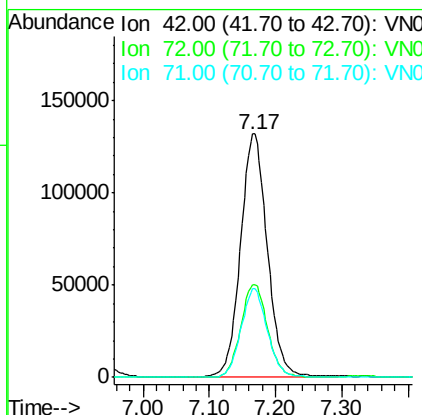
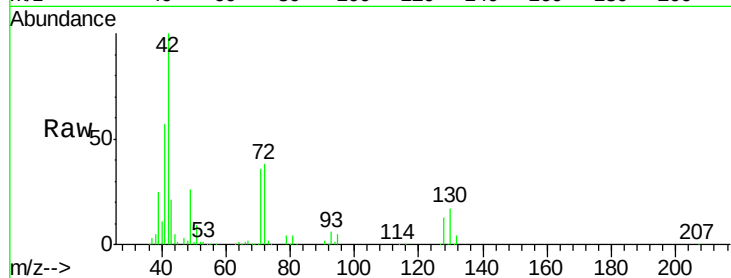
#29
Tetrahydrofuran
Concen: 256.149 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	29.1	43.7
71	35.7	28.1	42.1

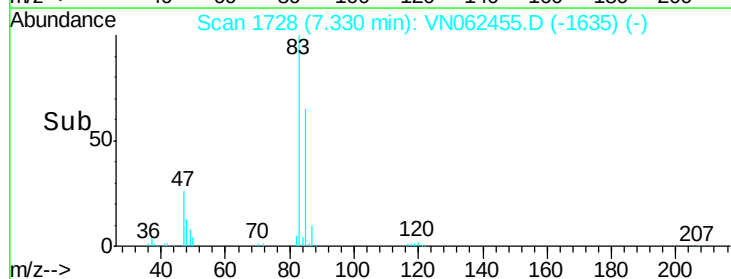
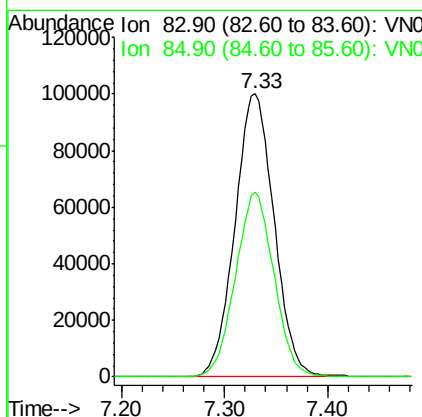
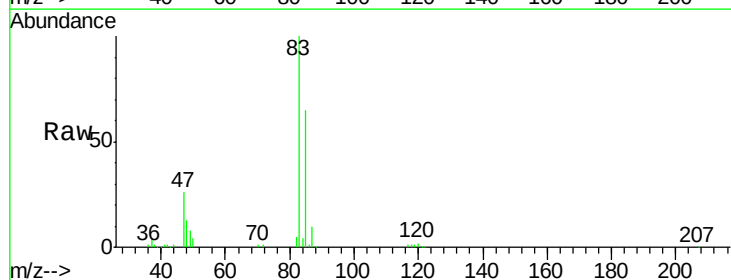
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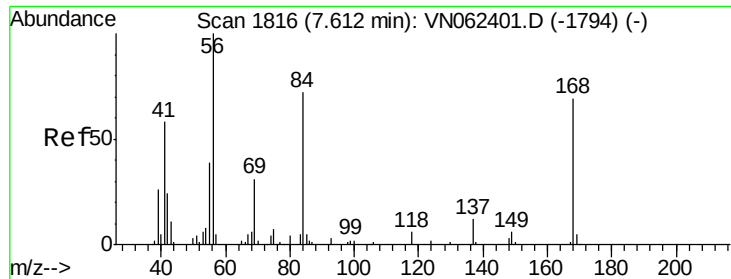
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#30
Chloroform
Concen: 52.747 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.6





#31

Cyclohexane

Concen: 47.780 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

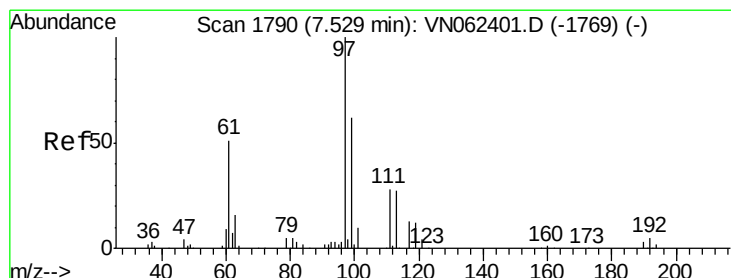
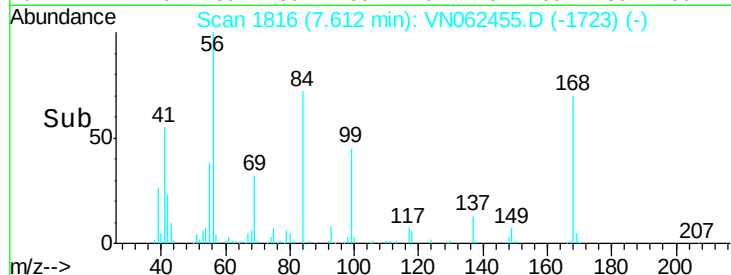
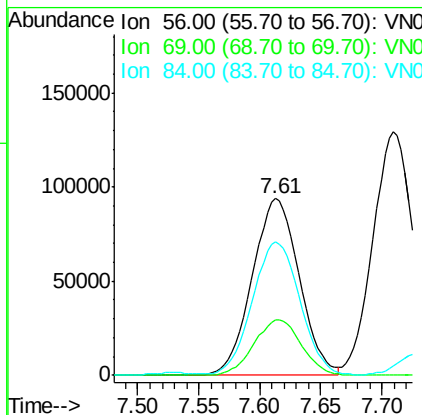
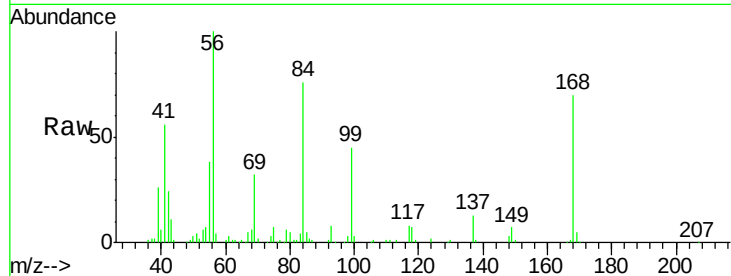
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	251255
Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.5	36.7
84	74.4	57.4	86.2

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#32

1,1,1-Trichloroethane

Concen: 52.551 ug/l

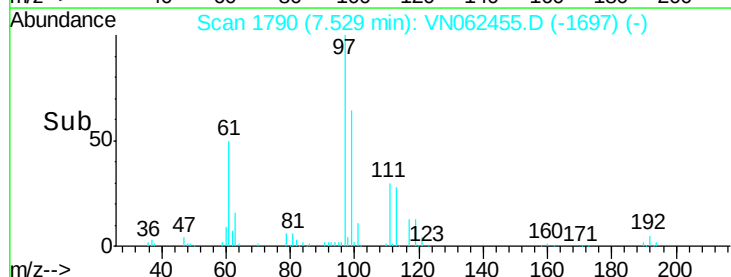
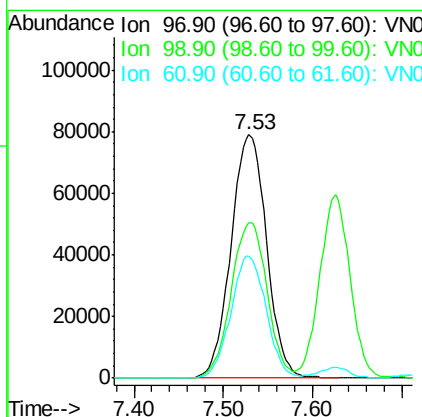
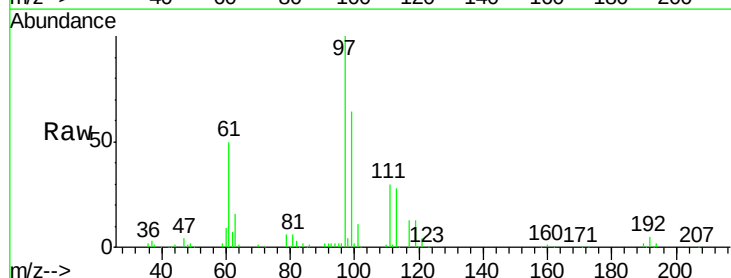
RT: 7.53 min Scan# 1790

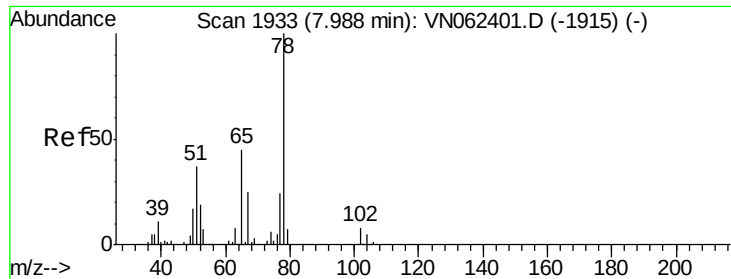
Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion:	97	Resp:	218929
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.4	75.6
61	49.5	39.9	59.9





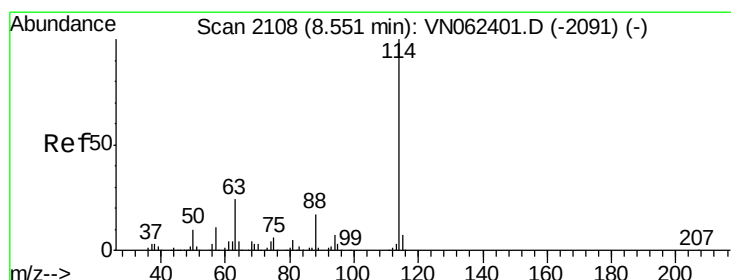
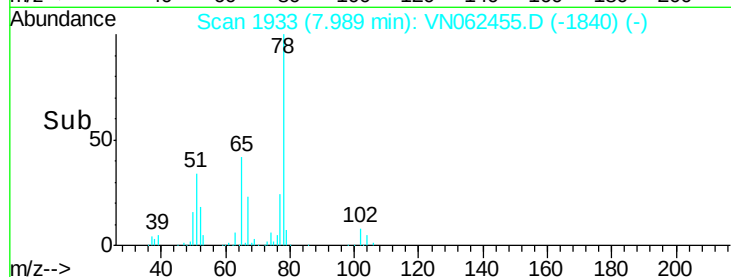
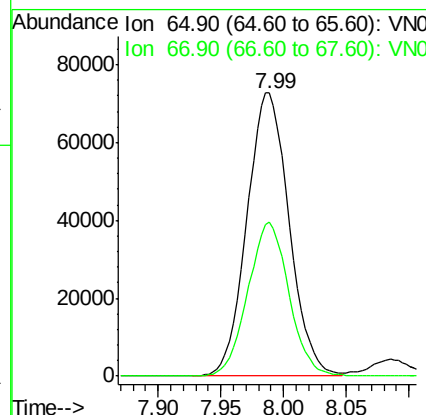
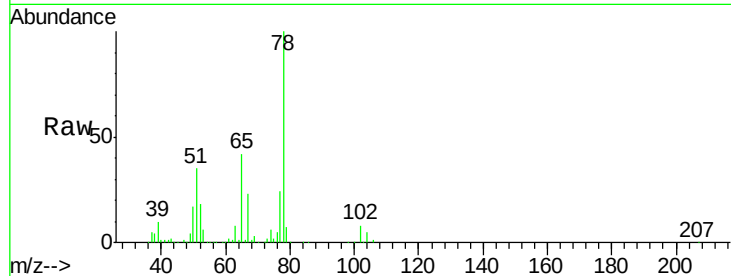
#33
 1,2-Dichloroethane-d4
 Concen: 49.219 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170399		
67	53.1	0.0	107.6	

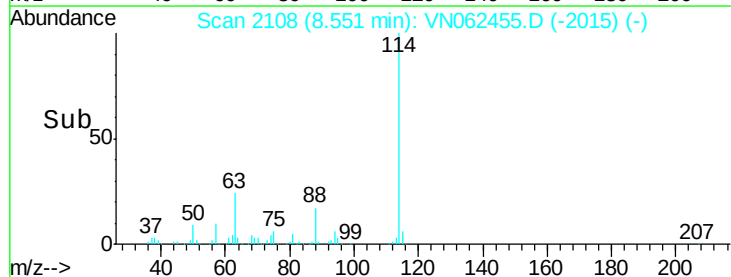
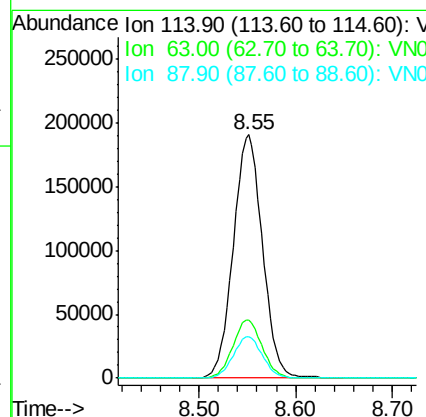
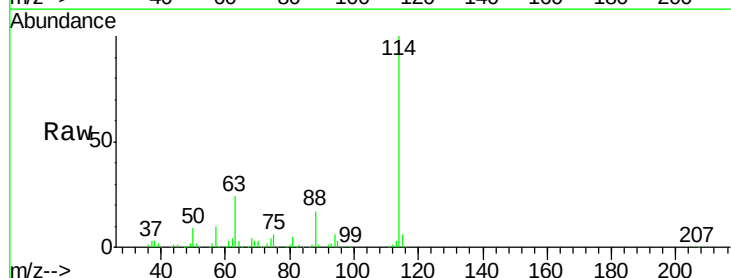
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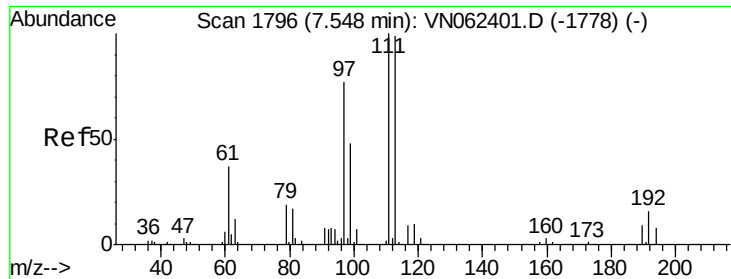
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	399158		
63	24.0	0.0	48.4	
88	17.0	0.0	33.8	





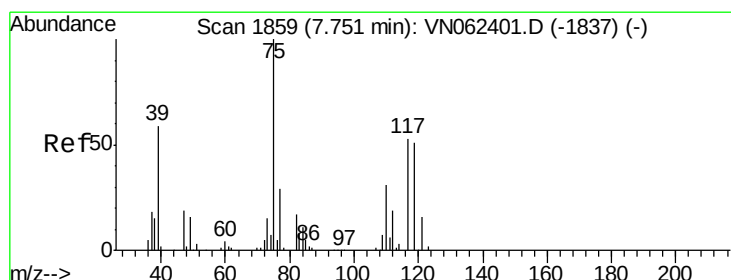
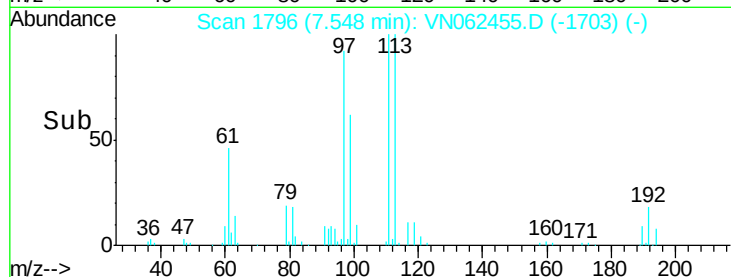
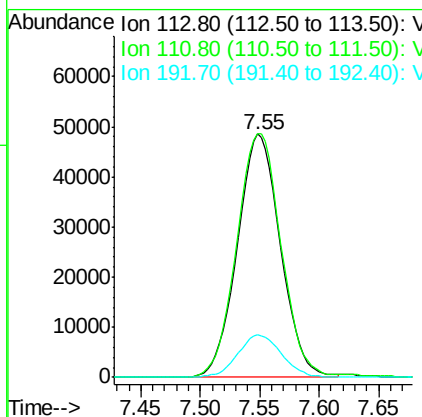
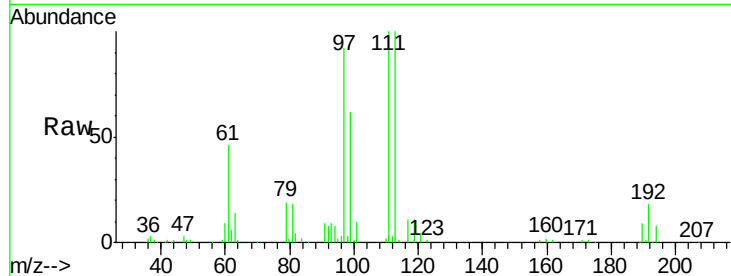
#35
Dibromofluoromethane
Concen: 49.187 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121362		
111	103.1	83.1	124.7	
192	17.8	14.1	21.1	

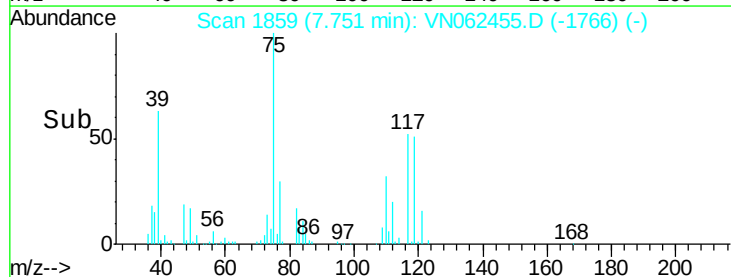
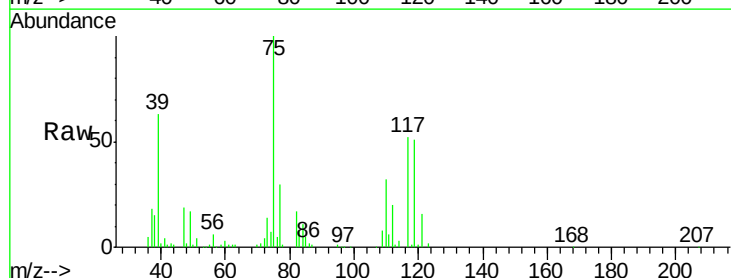
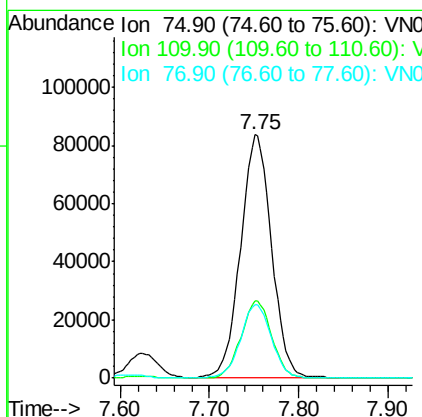
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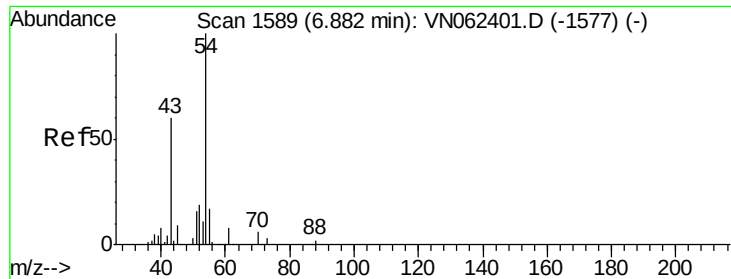
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#36
1,1-Dichloropropene
Concen: 50.408 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	202714		
110	31.2	15.4	46.2	
77	30.2	24.1	36.1	





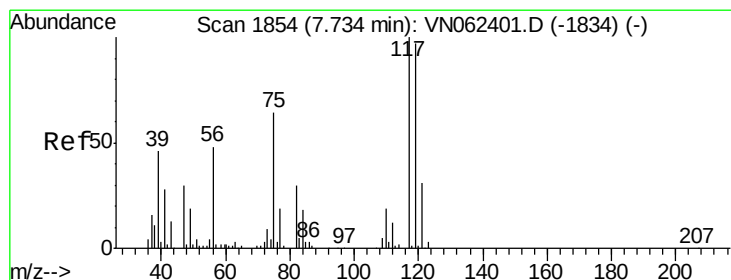
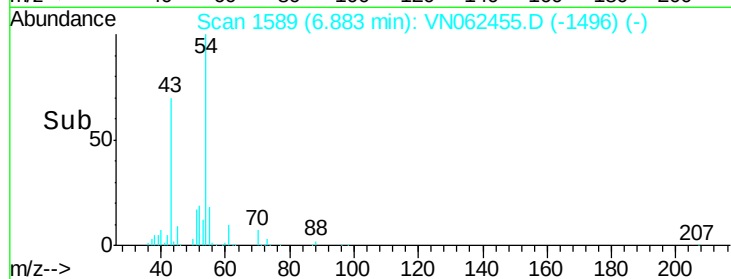
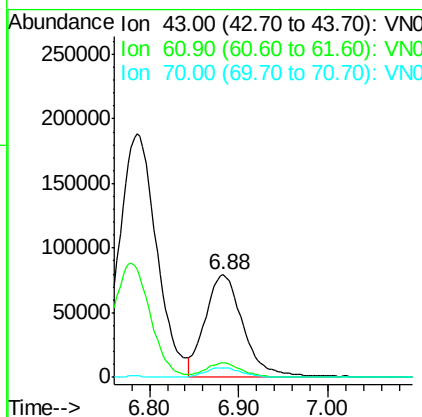
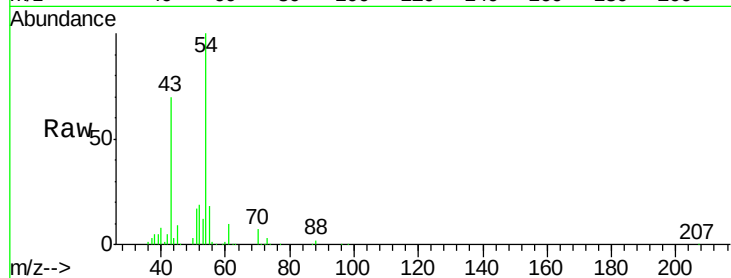
#37
Ethyl Acetate
Concen: 48.946 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	43	Resp	230159
Ion Ratio	100	Lower	Upper
43	100		
61	14.1	10.7	16.1
70	9.3	7.2	10.8

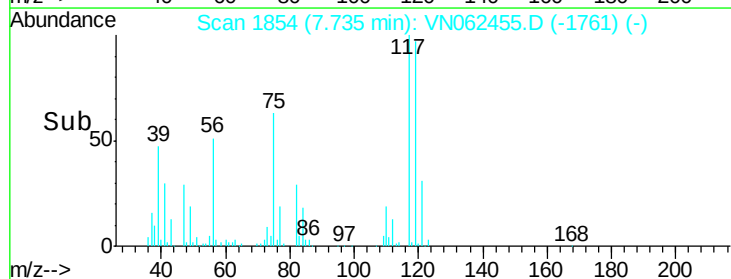
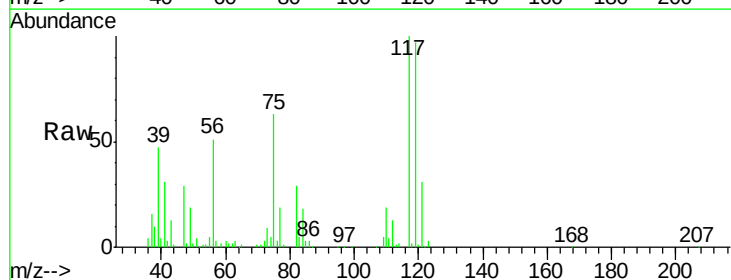
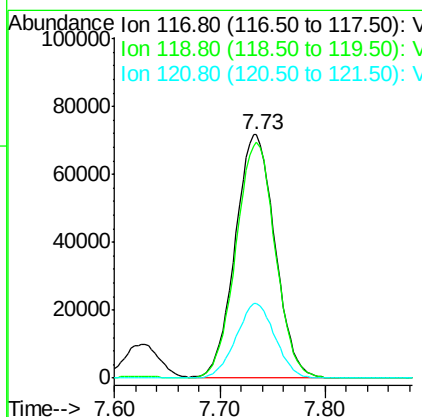
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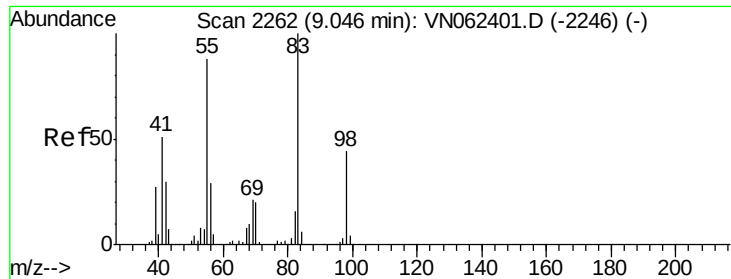
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#38
Carbon Tetrachloride
Concen: 51.530 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion	117	Resp	186303
Ion Ratio	100	Lower	Upper
117	100		
119	97.2	77.2	115.8
121	31.0	24.8	37.2





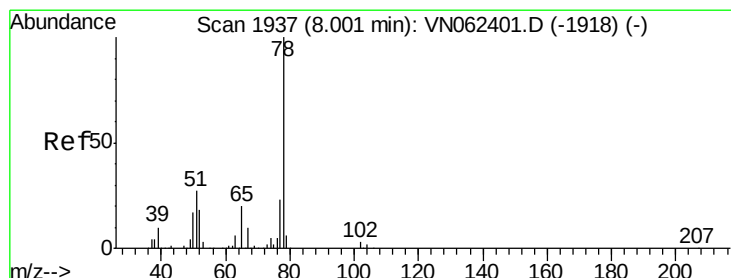
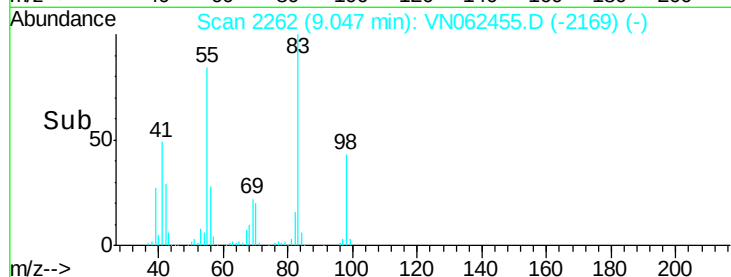
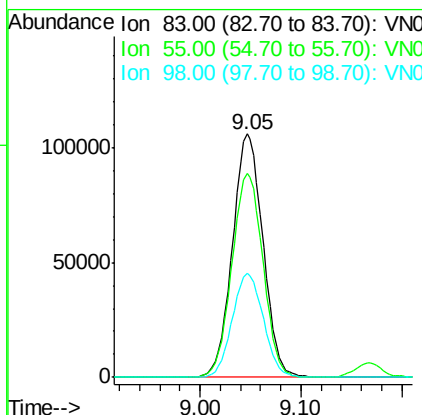
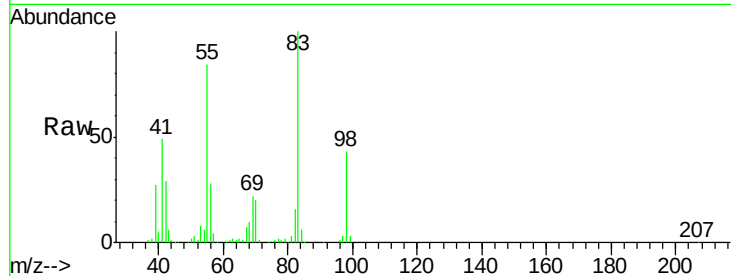
#39
Methylvlcyclohexane
Concen: 51.853 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	222623		
55	83.8		70.5	105.7
98	42.5		35.5	53.3

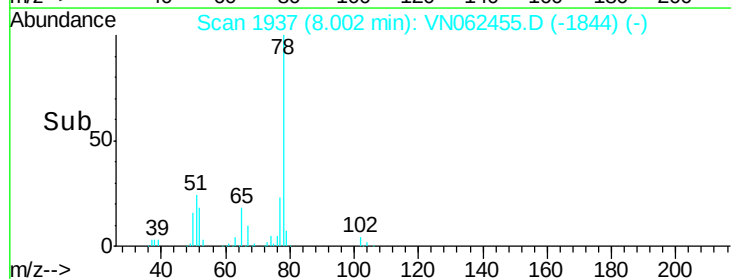
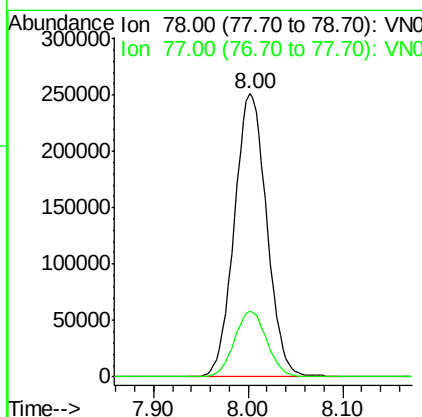
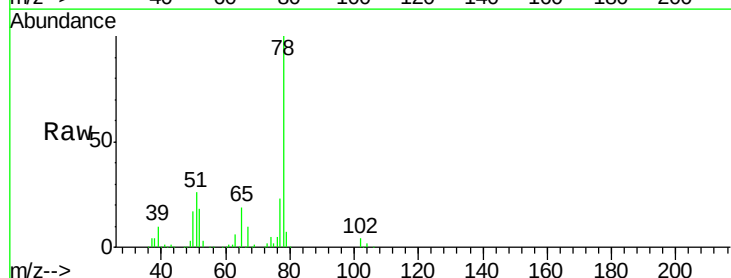
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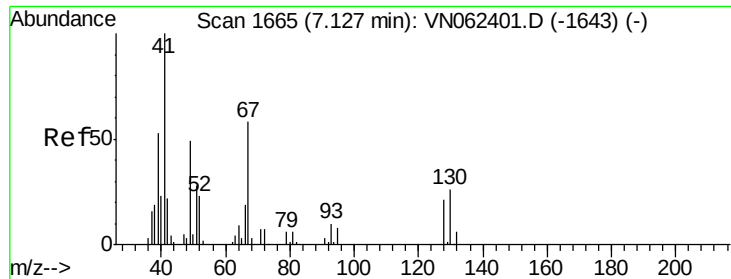
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#40
Benzene
Concen: 50.443 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	597858		
77	23.1		18.7	28.1





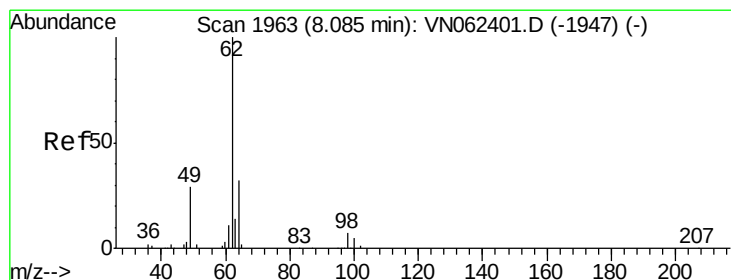
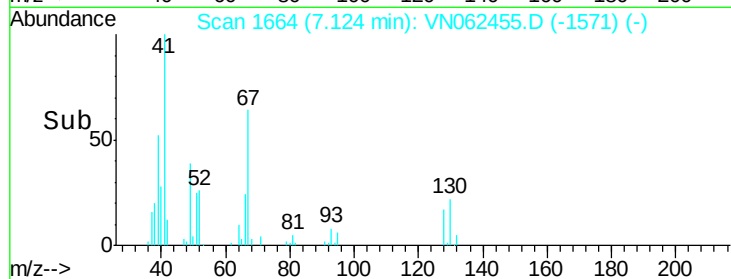
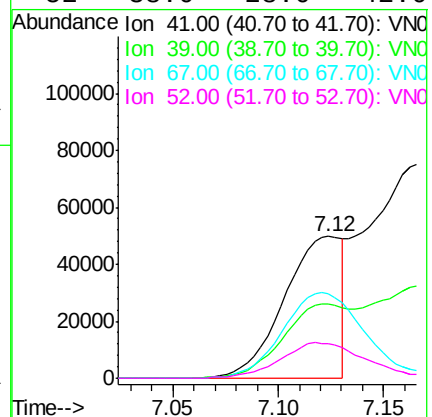
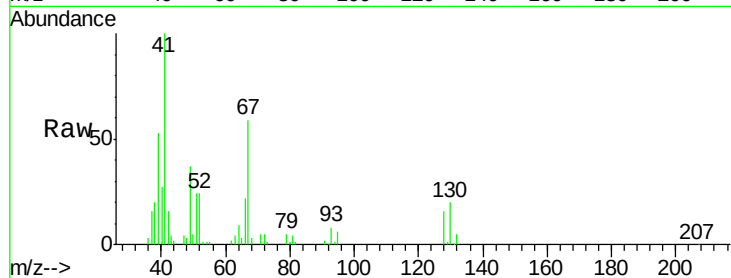
#41
Methacrylonitrile
Concen: 48.220 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41.00	Resp	94737
Ion	Ratio	Lower	Upper
41	100		
39	58.1	50.2	75.2
67	86.6	64.2	96.2
52	38.0	28.0	42.0

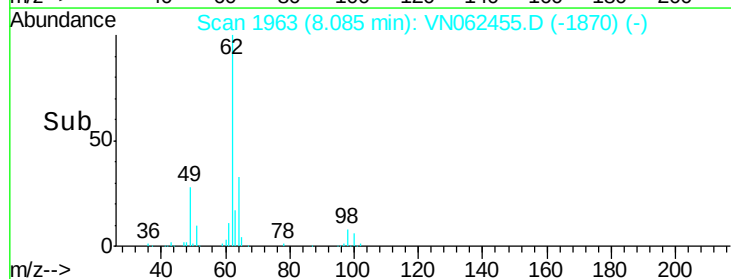
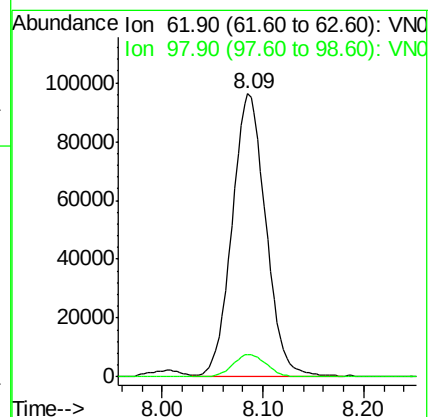
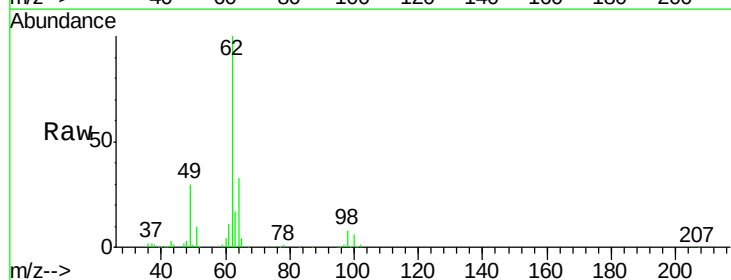
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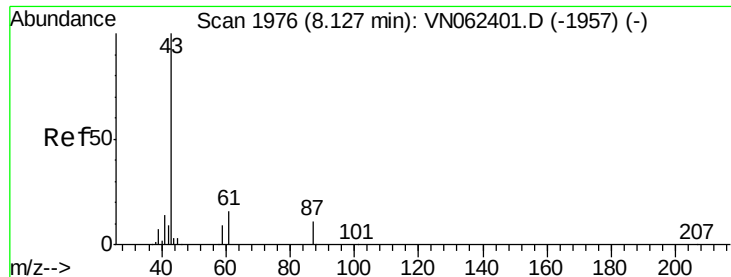
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.299 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion	62	Resp	222625
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8





#43

Isopropyl Acetate

Concen: 51.330 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

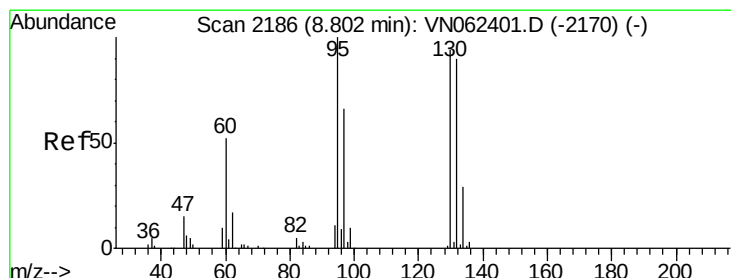
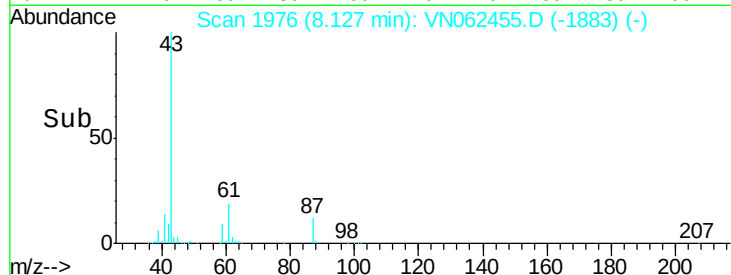
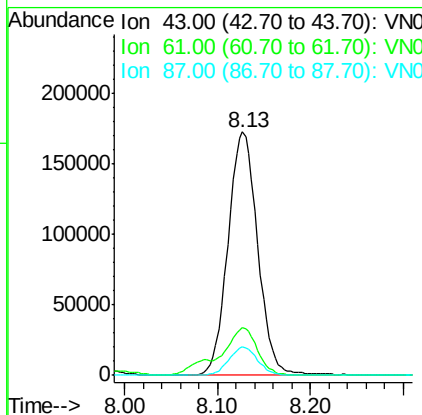
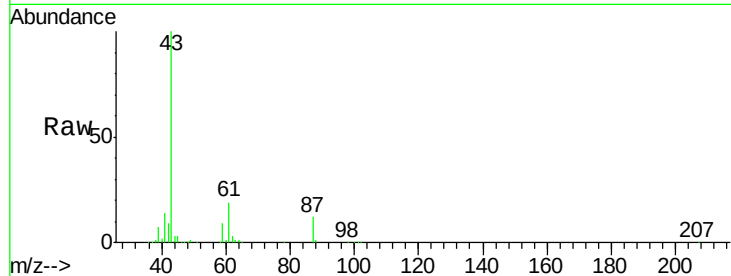
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	381303
Ion	Ratio	Lower	Upper
43	100		
61	19.7	19.3	28.9
87	11.2	8.6	13.0

Manual Integrations
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#44

Trichloroethene

Concen: 51.644 ug/l

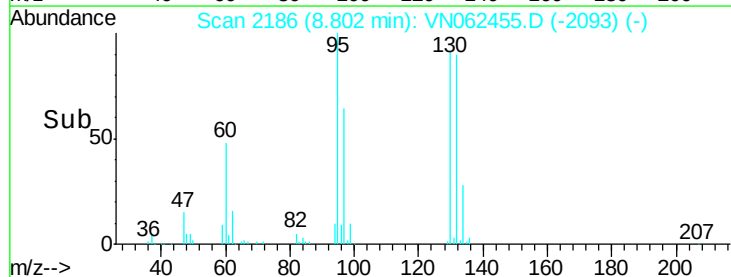
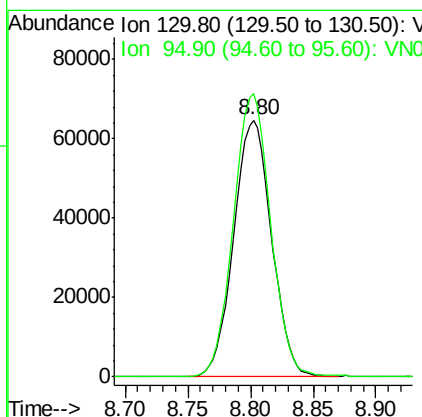
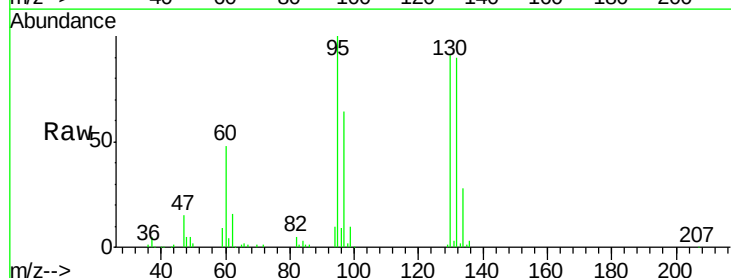
RT: 8.80 min Scan# 2186

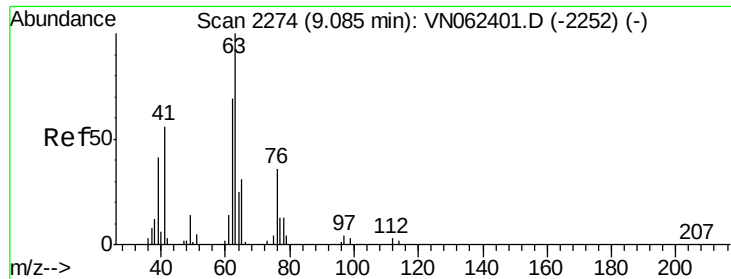
Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion:	130	Resp:	135806
Ion	Ratio	Lower	Upper
130	100		
95	110.2	0.0	213.8





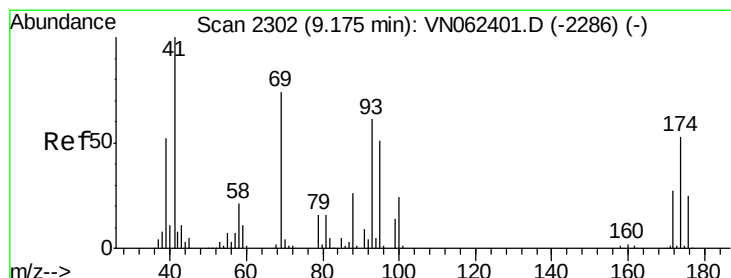
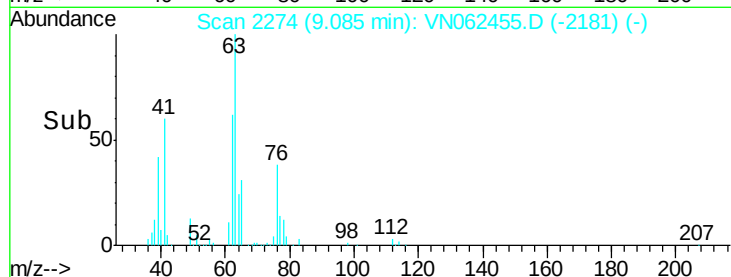
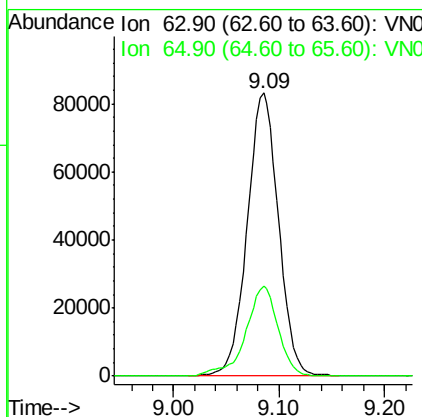
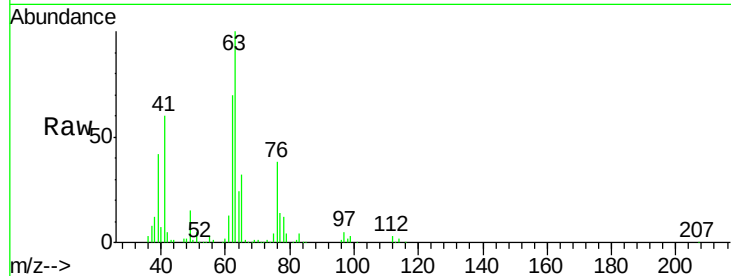
#45
 1,2-Dichloropropane
 Concen: 50.003 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 172040
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 36.8

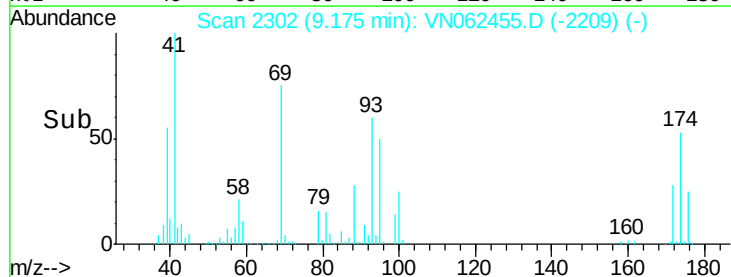
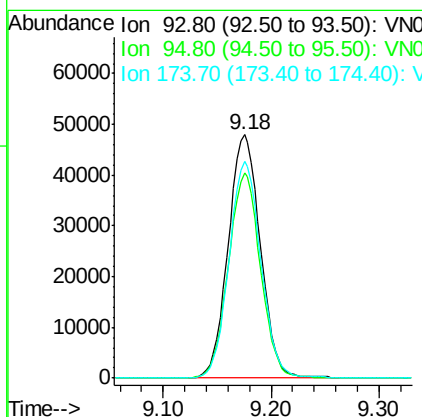
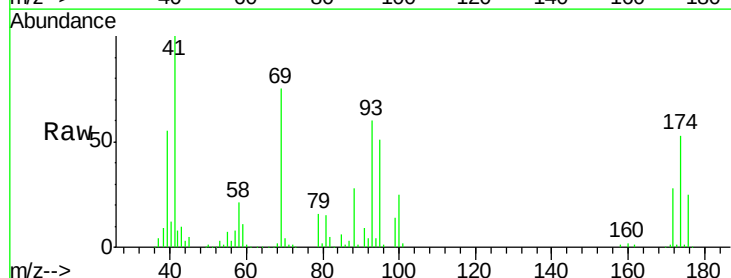
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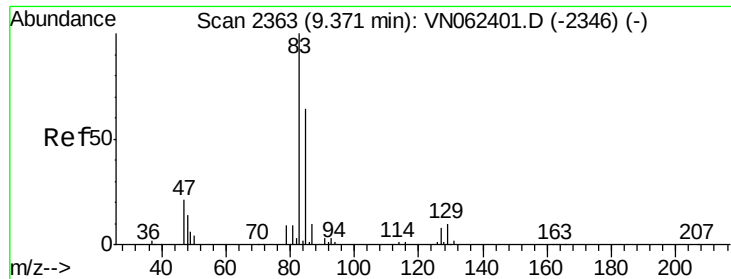
MMDadoda
 7/10/2020 9:23:59 AM



#46
 Dibromomethane
 Concen: 51.133 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 93 Resp: 99282
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.1 100.7
 174 88.0 70.4 105.6





#47

Bromodichloromethane

Concen: 51.849 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

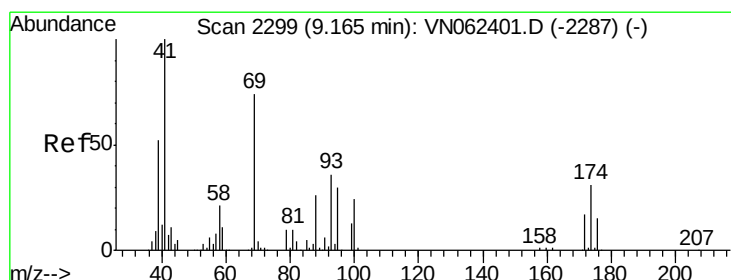
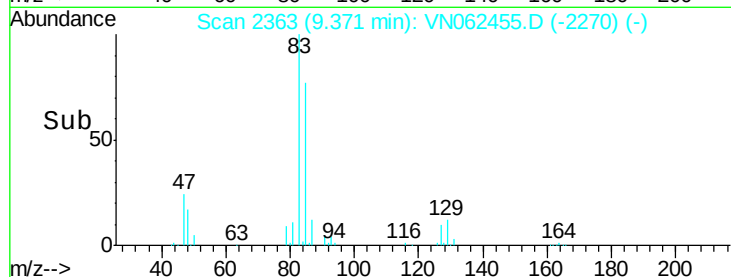
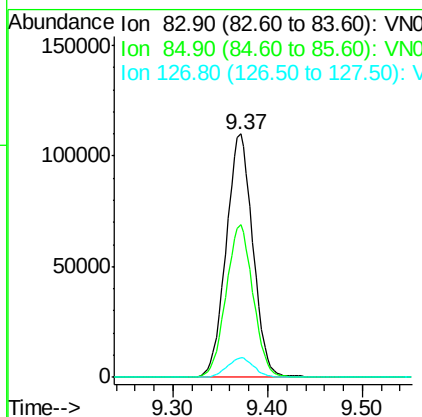
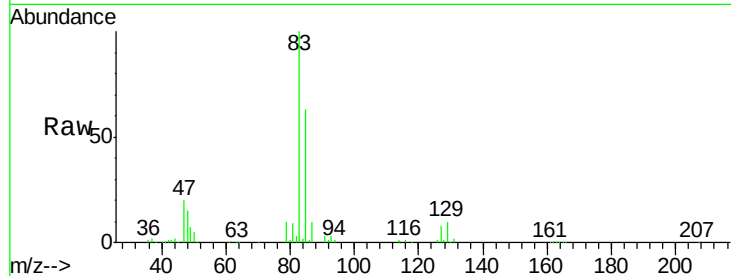
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	215231
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.2	76.8
127	7.9	6.2	9.2

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#48

Methyl methacrylate

Concen: 50.675 ug/l

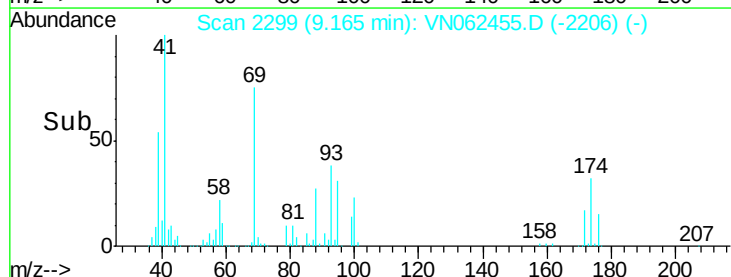
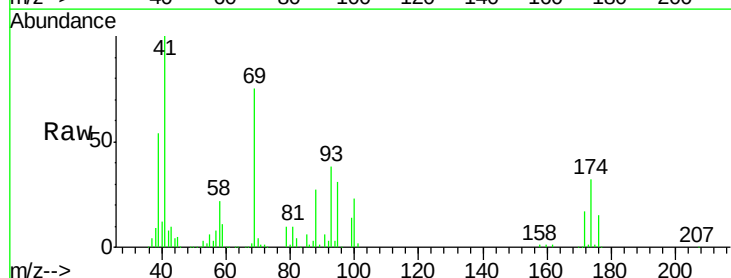
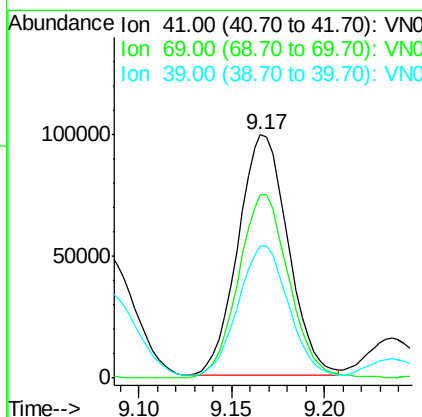
RT: 9.17 min Scan# 2299

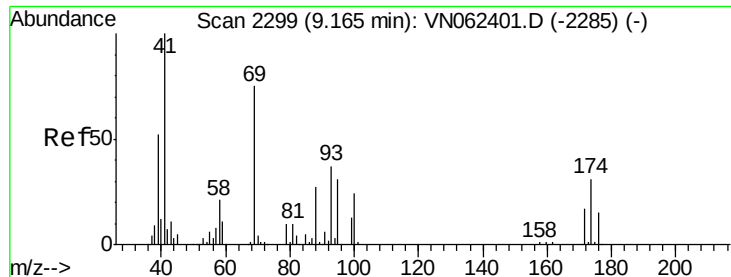
Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion:	41	Resp:	184651
Ion Ratio	Lower	Upper	
41	100		
69	77.3	60.8	91.2
39	55.8	43.5	65.3





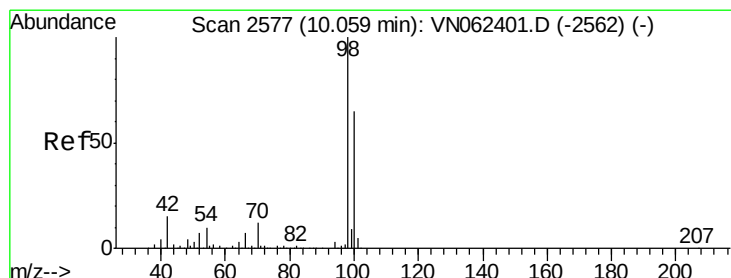
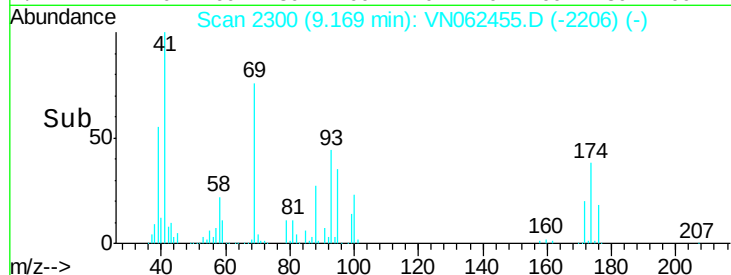
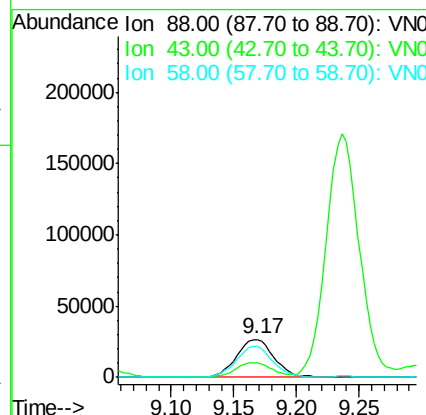
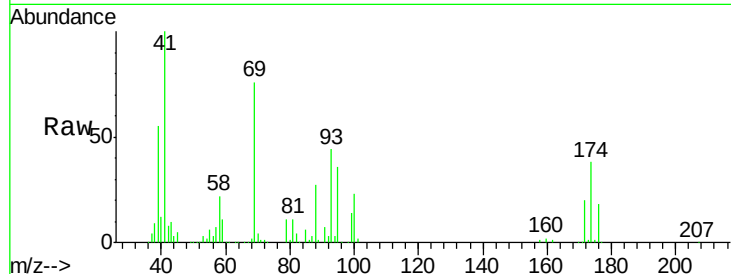
#49
 1,4-Dioxane
 Concen: 1044.989 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	55423
Ion Ratio	Lower	Upper	
88	100		
43	37.2	31.0	46.4
58	78.7	63.3	94.9

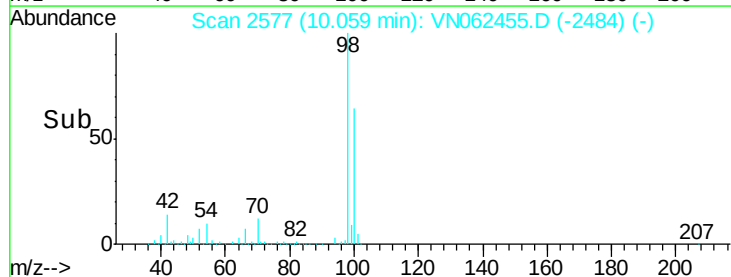
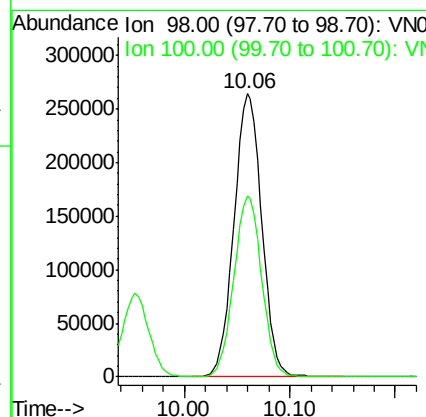
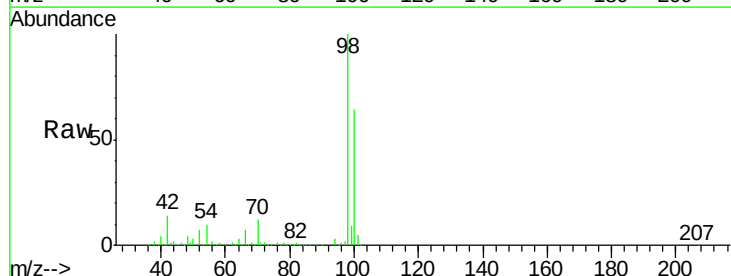
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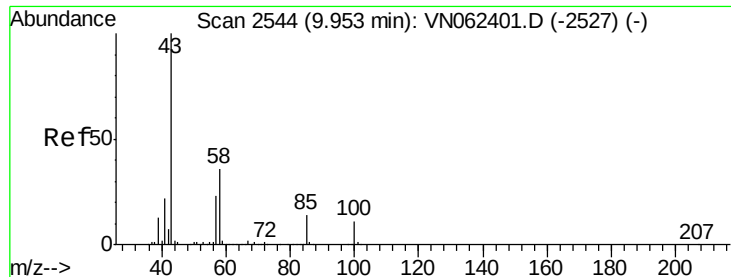
MMDadoda
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#50
 Toluene-d8
 Concen: 49.433 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion	98	Resp	481492
Ion Ratio	Lower	Upper	
98	100		
100	64.0	51.5	77.3





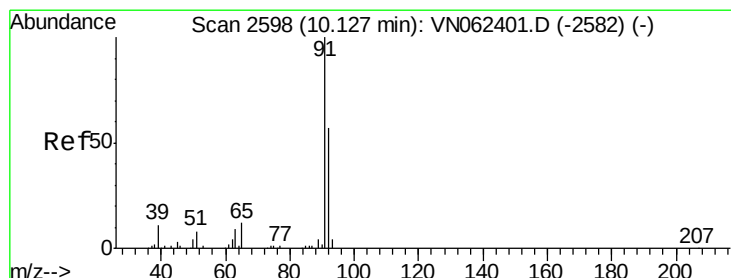
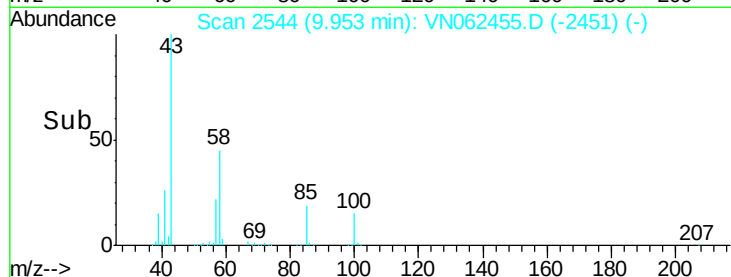
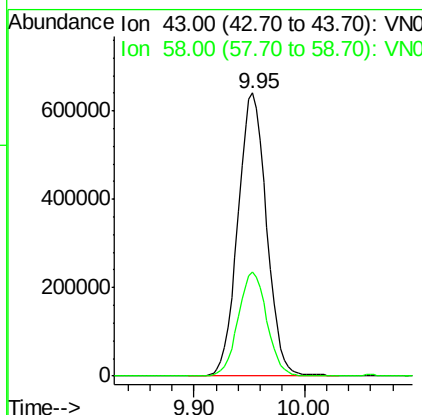
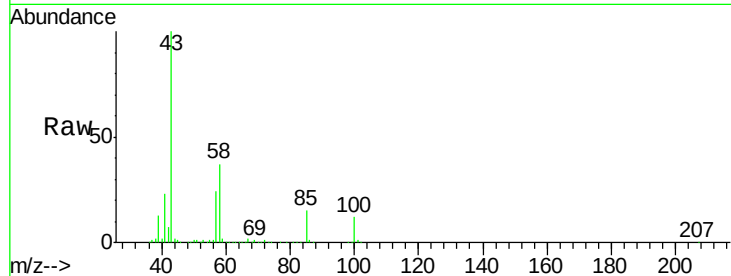
#51
4-Methyl-2-Pentanone
Concen: 259.830 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1152823
Ion Ratio Lower Upper
43 100
58 36.8 29.0 43.6

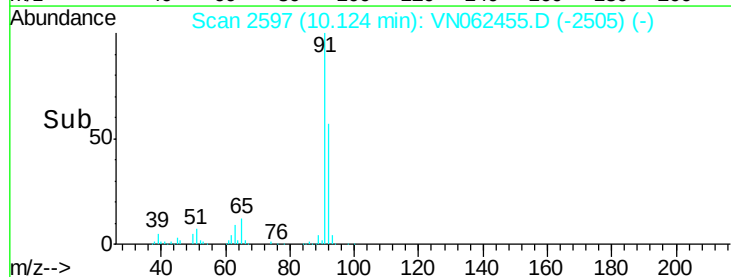
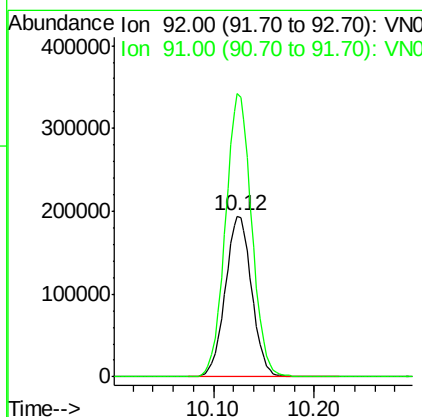
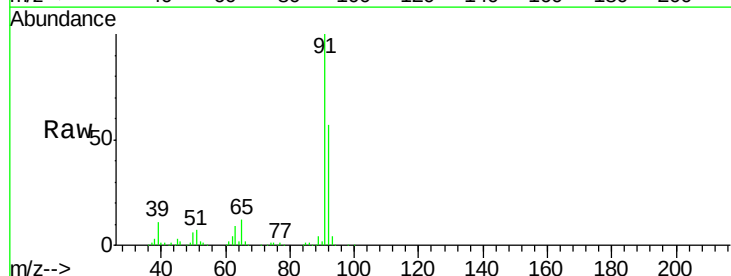
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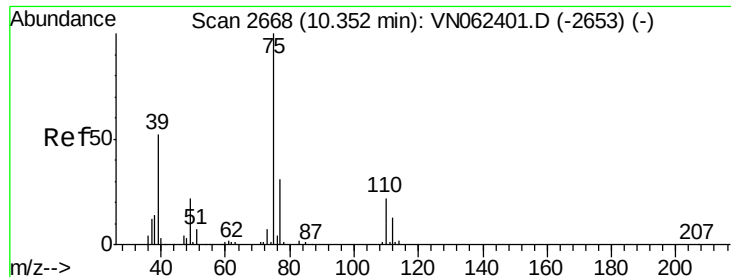
MMDadoda
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#52
Toluene
Concen: 51.698 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 92 Resp: 353921
Ion Ratio Lower Upper
92 100
91 175.1 141.0 211.6





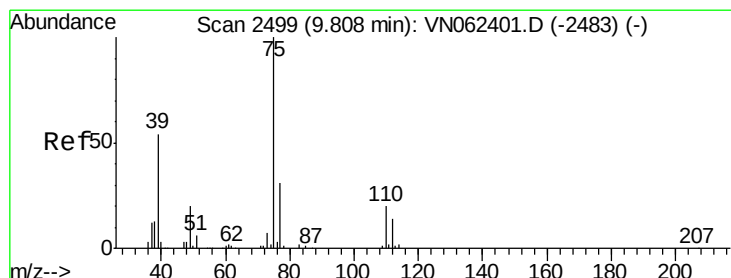
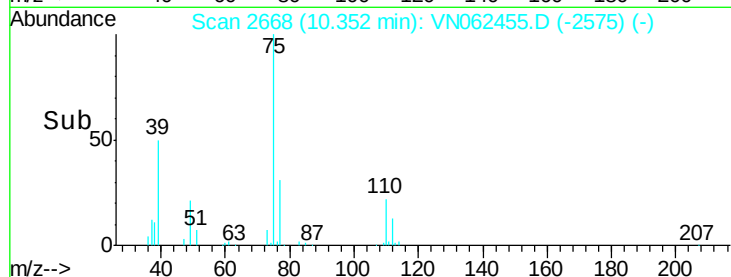
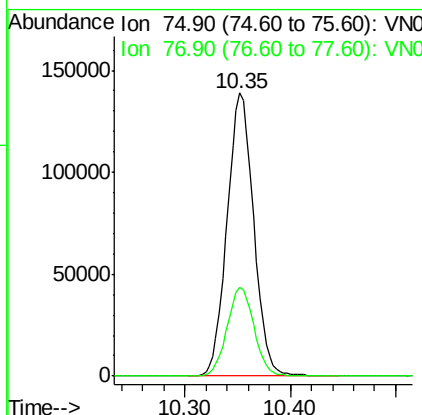
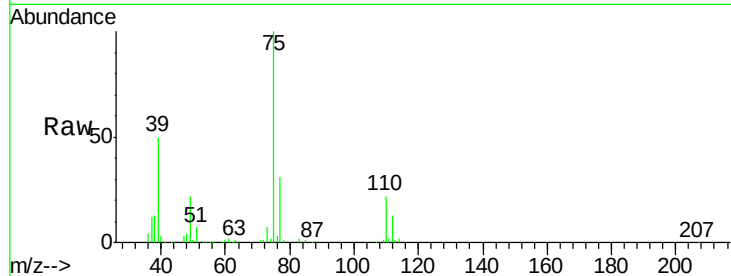
#53
t-1,3-Dichloropropene
Concen: 52.226 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 242886
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8

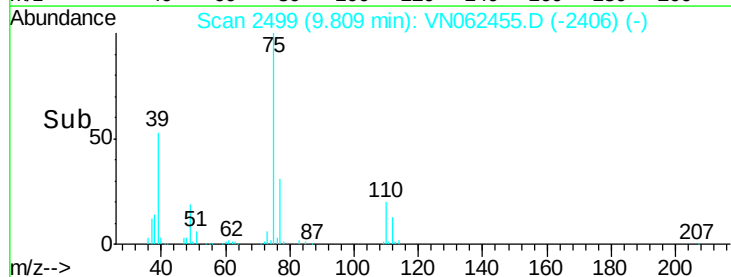
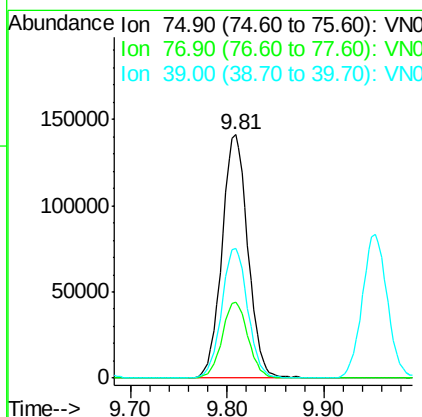
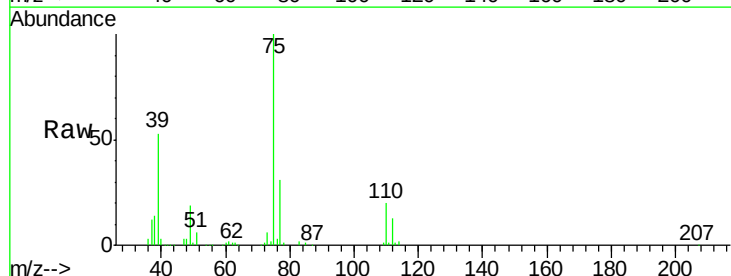
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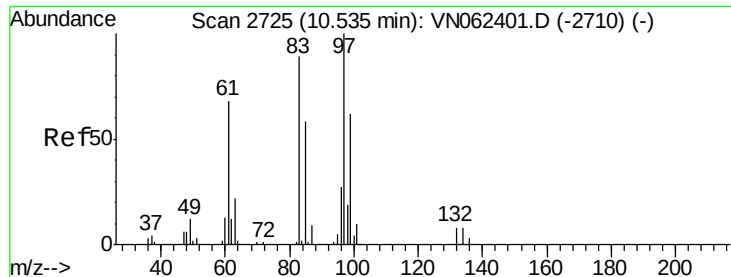
MMDadoda
7/10/2020 9:23:59 AM



#54
cis-1,3-Dichloropropene
Concen: 51.192 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 75 Resp: 262683
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7
39 53.4 43.4 65.0





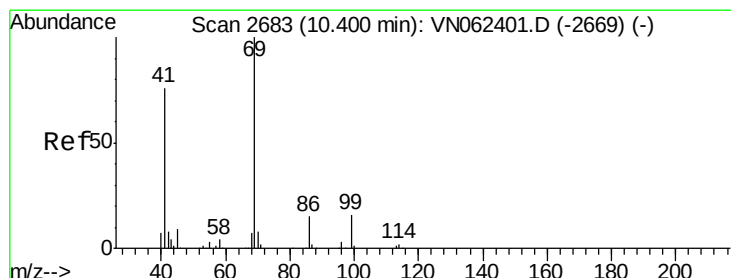
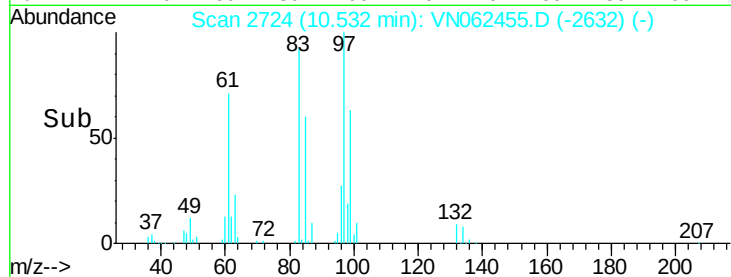
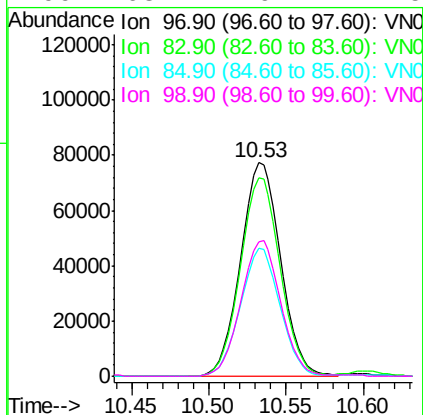
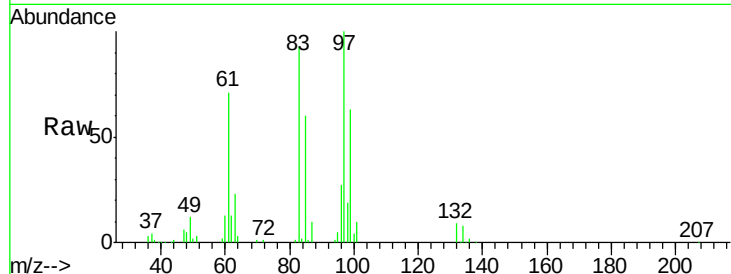
#55
 1,1,2-Trichloroethane
 Concen: 51.717 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	139251
Ion	Ratio	Lower	Upper
97	100		
83	93.1	71.0	106.4
85	59.8	46.2	69.4
99	63.1	49.7	74.5

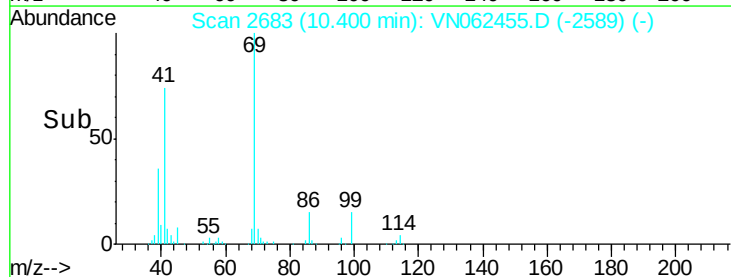
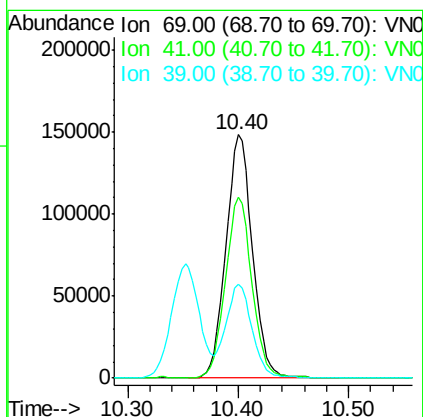
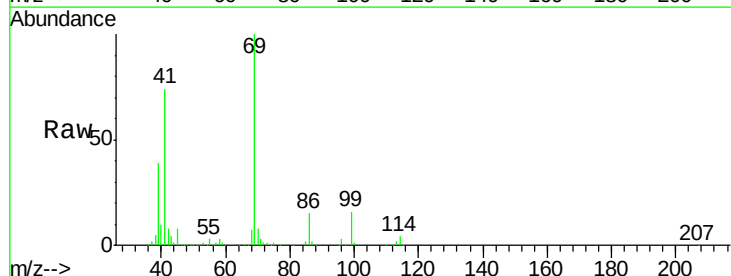
Manual Integrations
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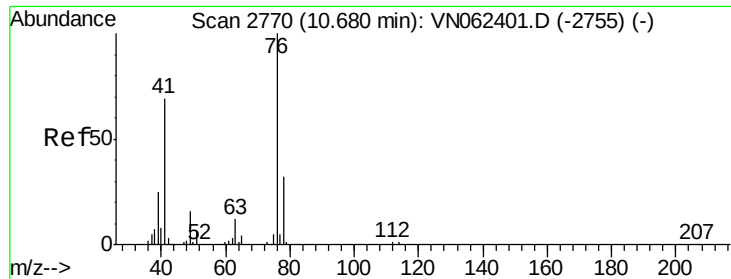
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#56
 Ethyl methacrylate
 Concen: 49.901 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion:	69	Resp:	247253
Ion	Ratio	Lower	Upper
69	100		
41	73.8	59.7	89.5
39	38.1	30.6	45.8





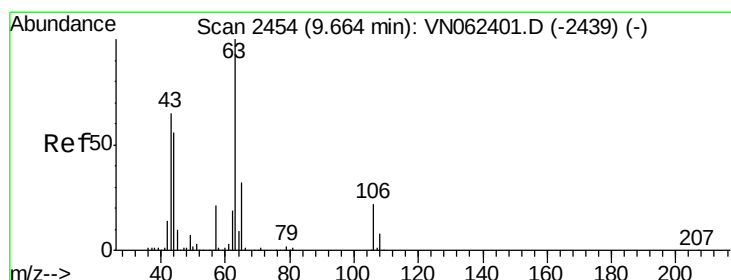
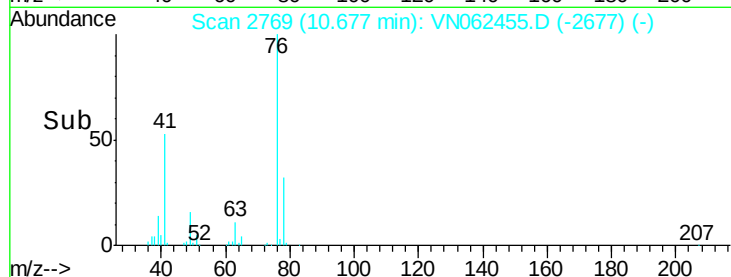
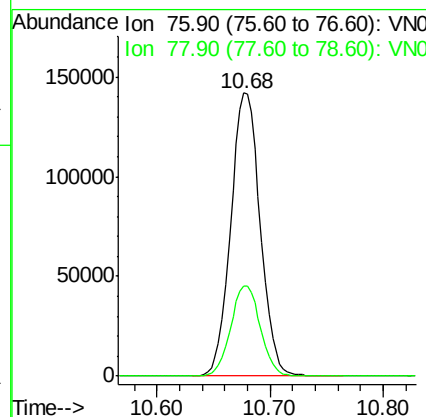
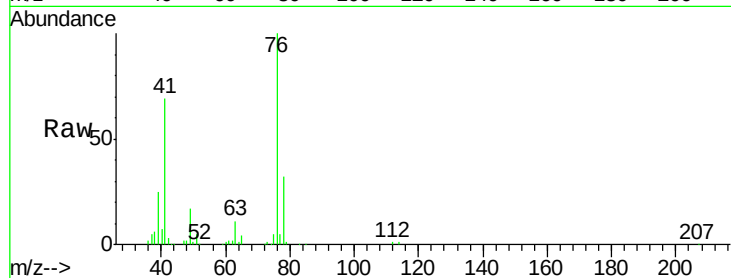
#57
 1,3-Dichloropropane
 Concen: 51.727 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 257312
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4

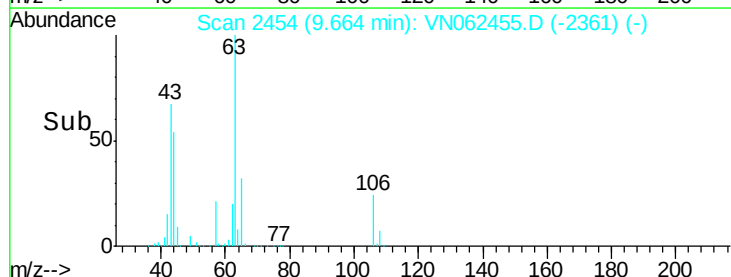
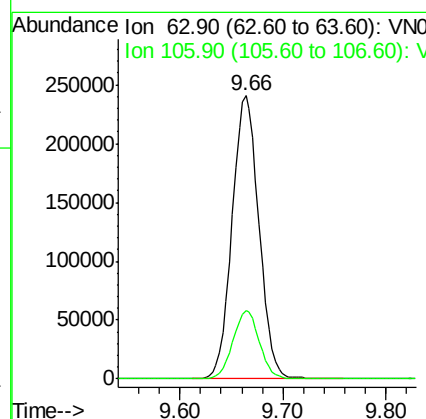
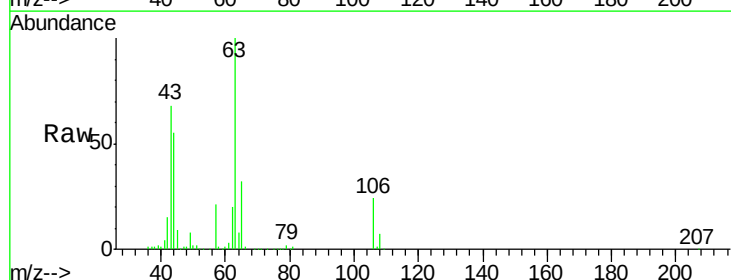
Manual Integrations
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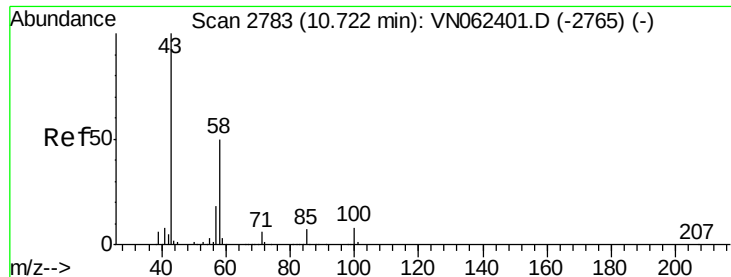
MMDadoda
 7/10/2020 9:23:59 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.376 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion: 63 Resp: 436686
 Ion Ratio Lower Upper
 63 100
 106 23.7 17.6 26.4





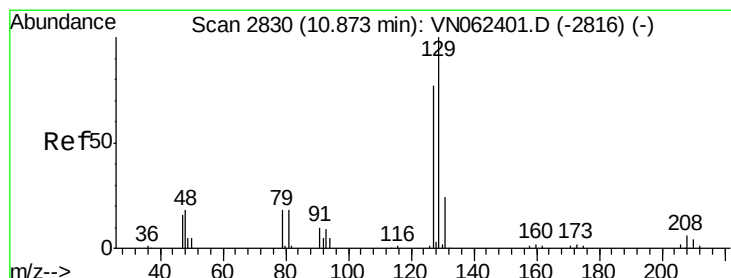
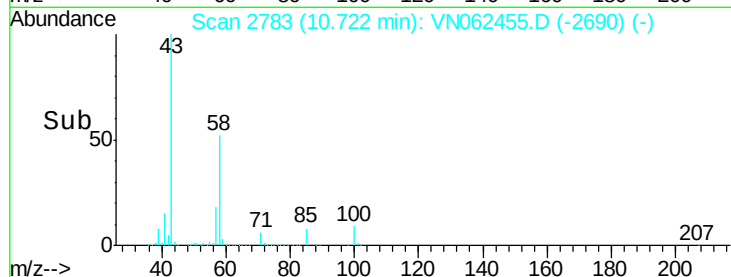
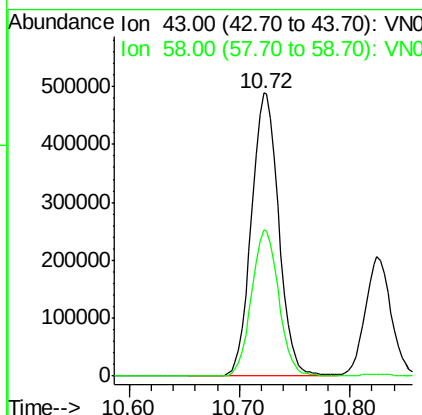
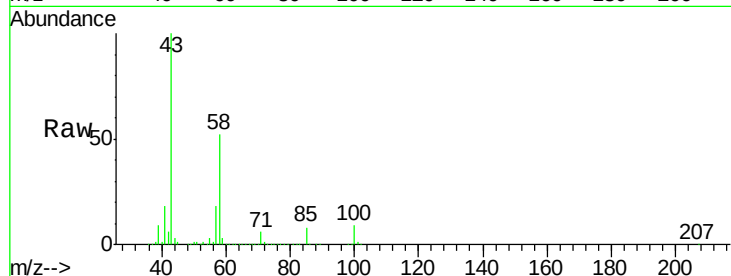
#59
2-Hexanone
Concen: 260.214 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 838153
Ion Ratio Lower Upper
43 100
58 51.5 25.1 75.2

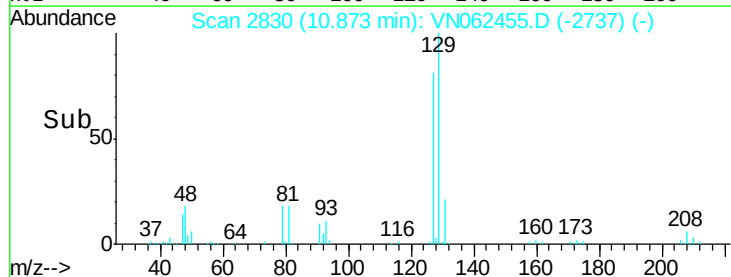
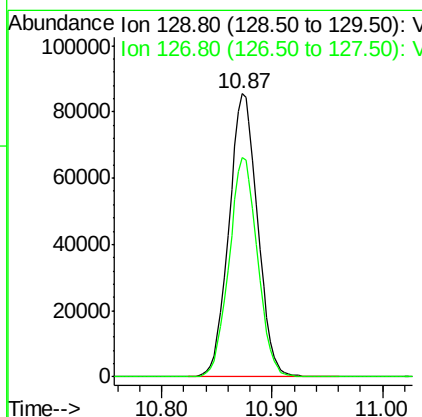
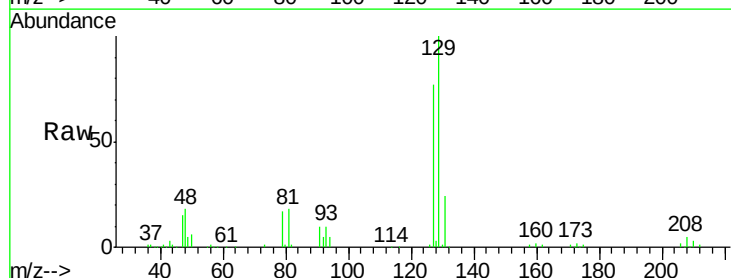
Manual Integrations
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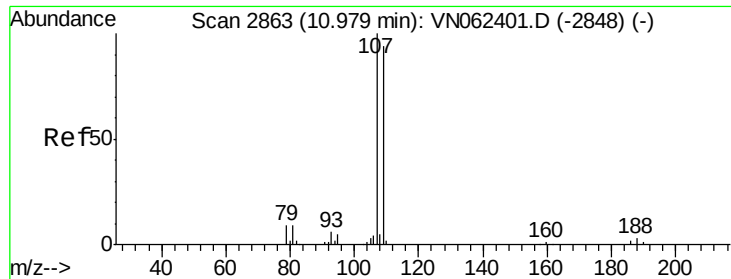
MMDadoda
7/10/2020 9:23:59 AM



#60
Dibromochloromethane
Concen: 52.719 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 129 Resp: 153911
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





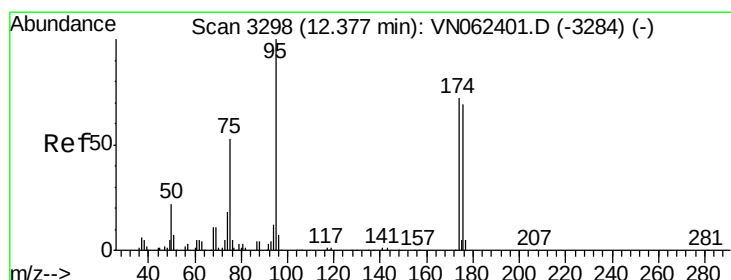
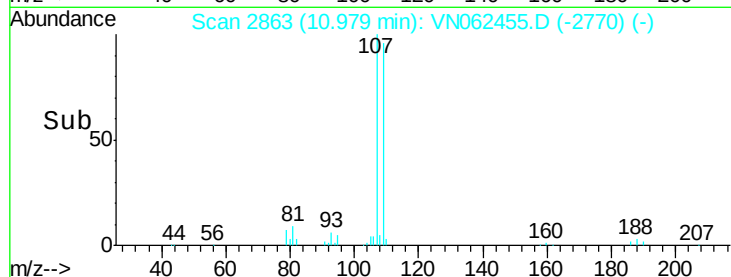
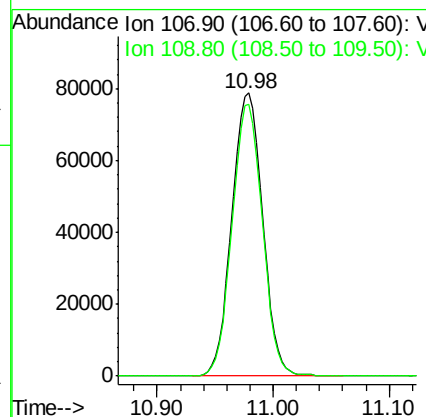
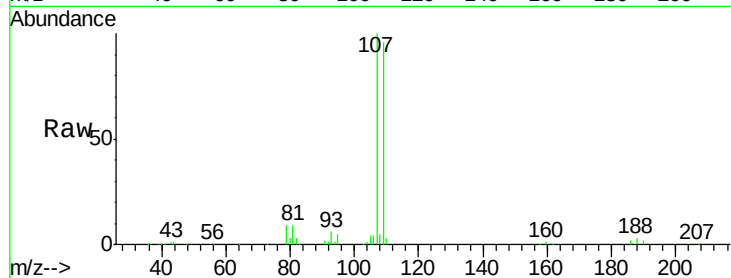
#61
 1,2-Dibromoethane
 Concen: 53.229 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.6	113.4

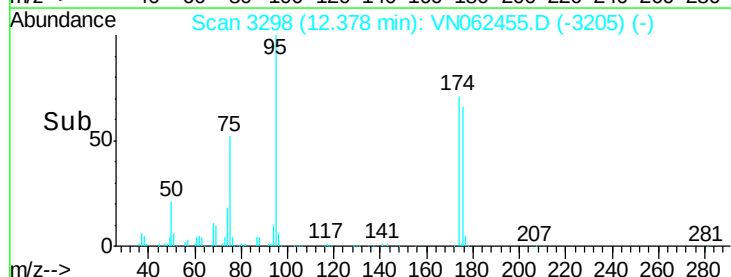
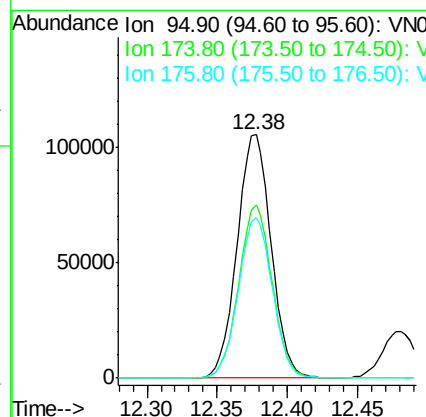
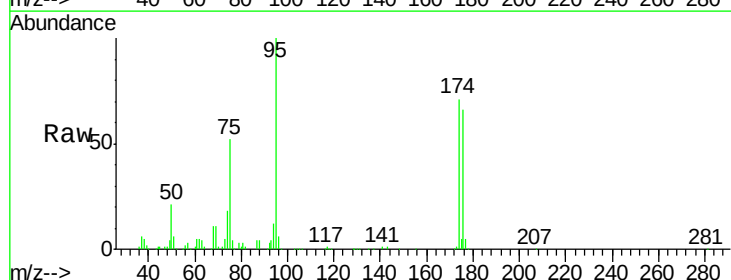
Manual Integrations
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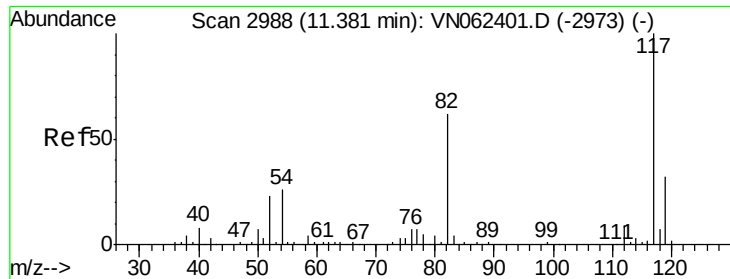
MMDadoda
 7/10/2020 9:23:59 AM



#62
 4-Bromofluorobenzene
 Concen: 50.118 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	141.6
176	66.3	0.0	137.2





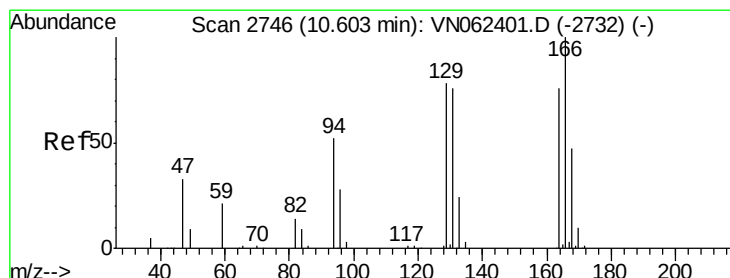
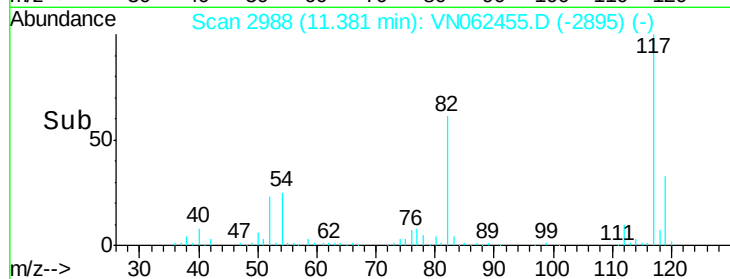
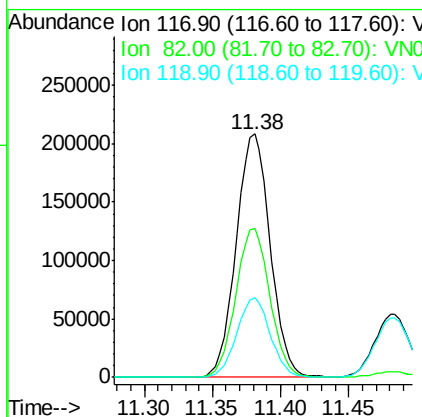
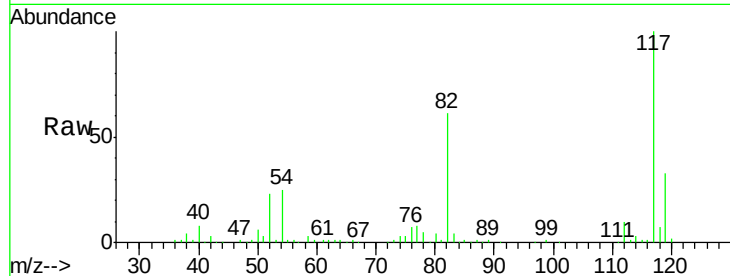
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	49.6	74.4
119	32.5	25.4	38.0

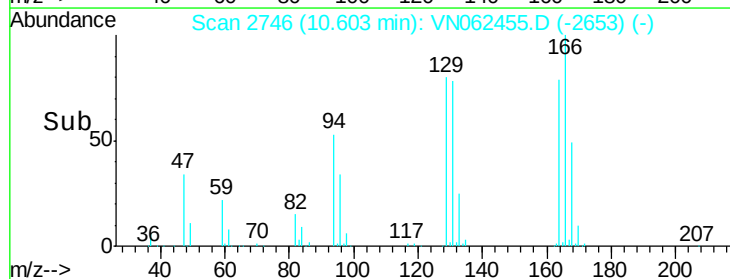
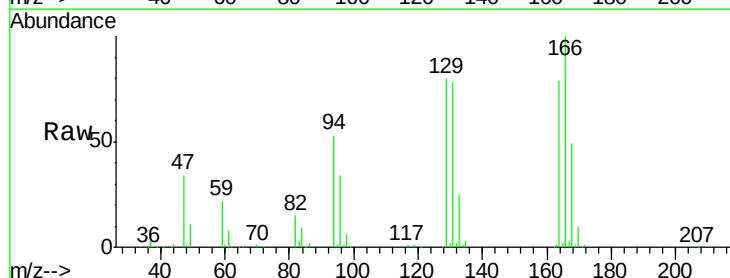
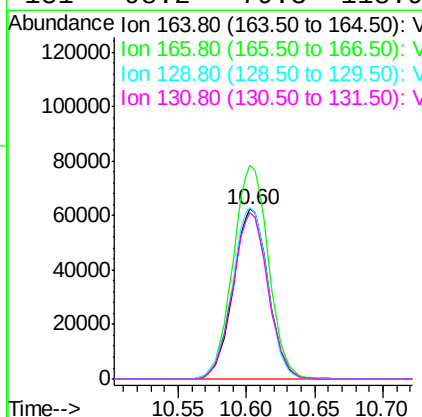
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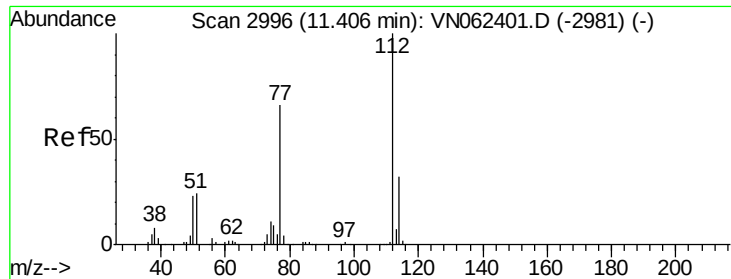
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#64
Tetrachloroethene
Concen: 51.721 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	104.9	157.3
129	101.1	81.8	122.6
131	98.2	79.3	118.9





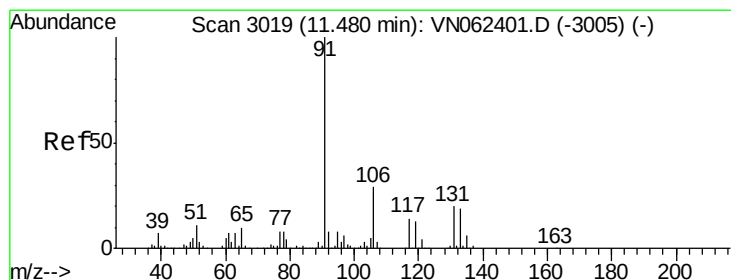
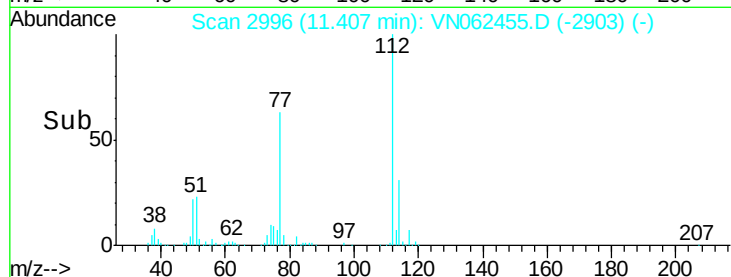
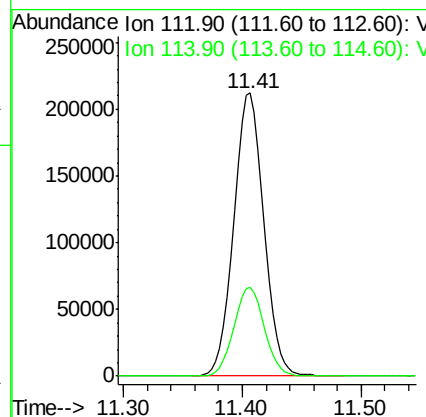
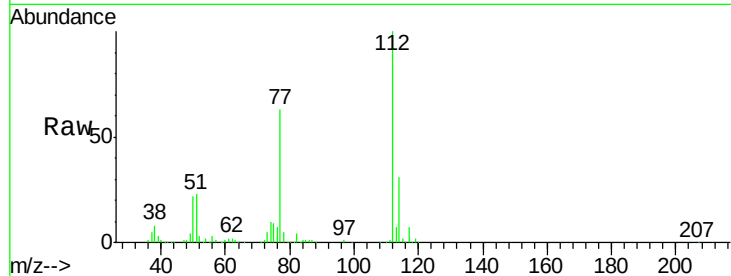
#65
Chlorobenzene
Concen: 52.747 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	371012		
114	31.2	25.9	38.9	

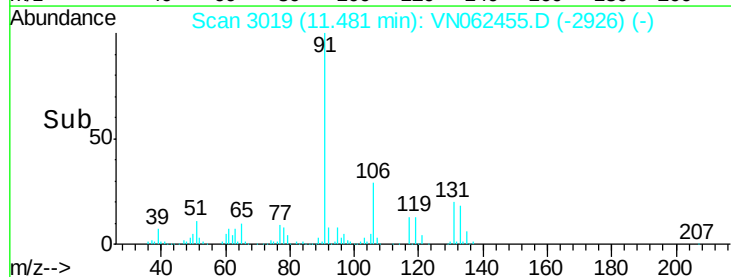
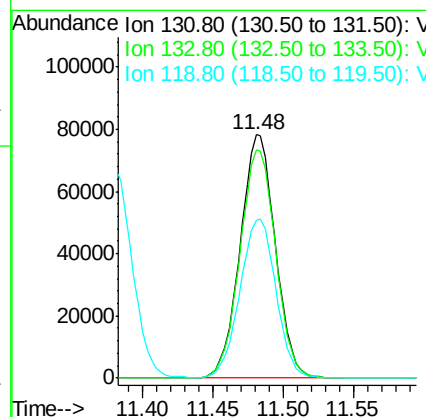
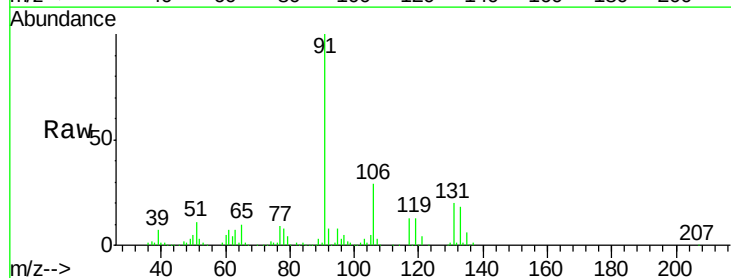
Manual Integrations
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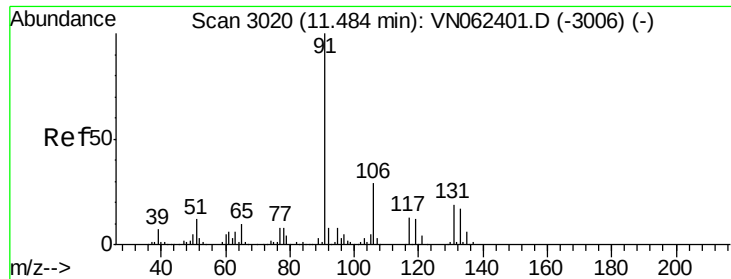
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.685 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	136655		
133	95.5	46.9	140.8	
119	67.1	33.2	99.6	





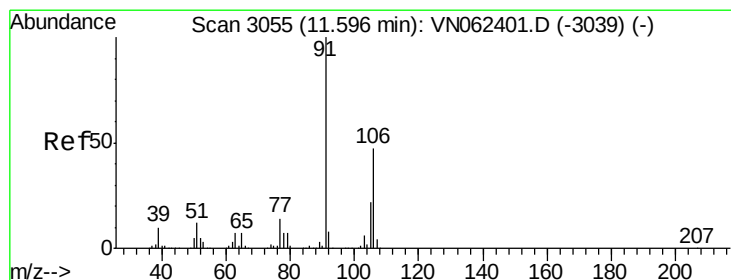
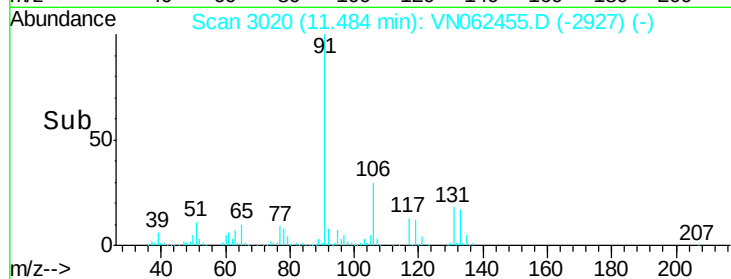
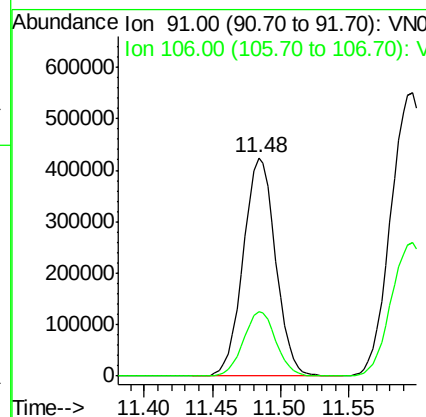
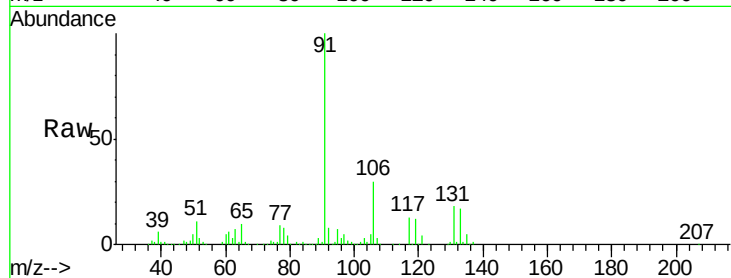
#67
Ethyl Benzene
Concen: 52.949 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 699075
Ion Ratio Lower Upper
91 100
106 29.7 23.4 35.2

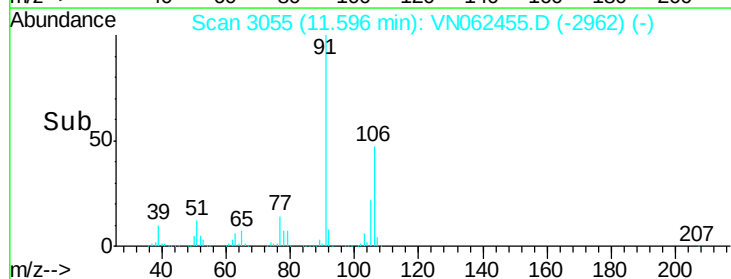
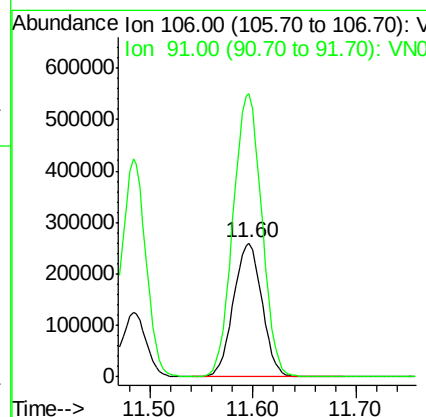
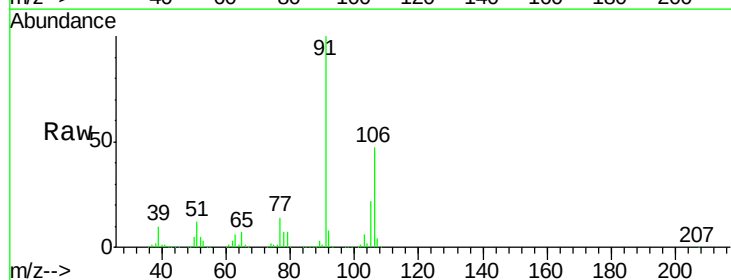
Manual Integrations
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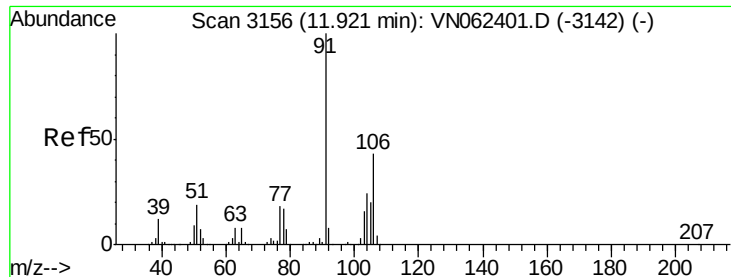
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#68
m/p-Xylenes
Concen: 107.467 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion: 106 Resp: 502292
Ion Ratio Lower Upper
106 100
91 212.8 172.4 258.6





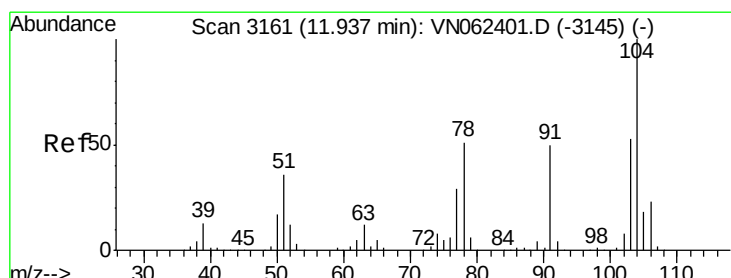
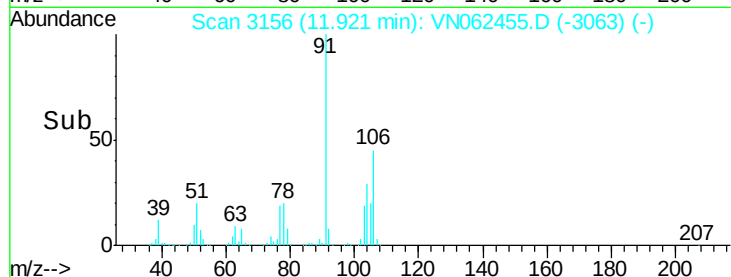
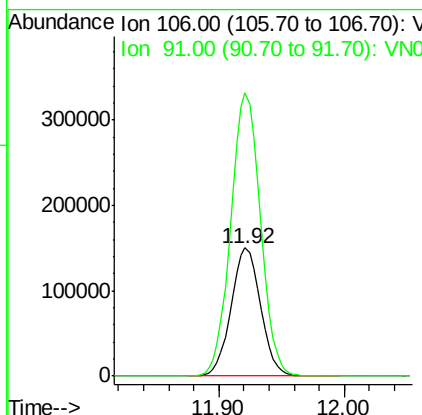
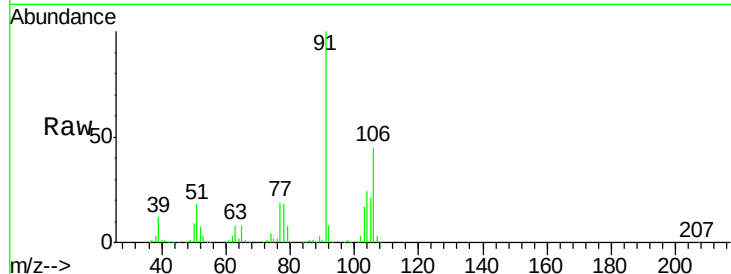
#69
o-Xylene
Concen: 53.966 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		245583		
91	222.9	113.8	341.4		

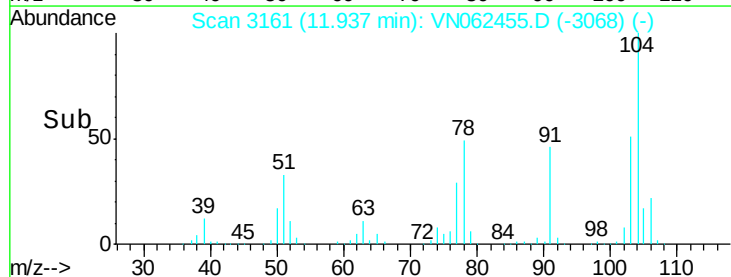
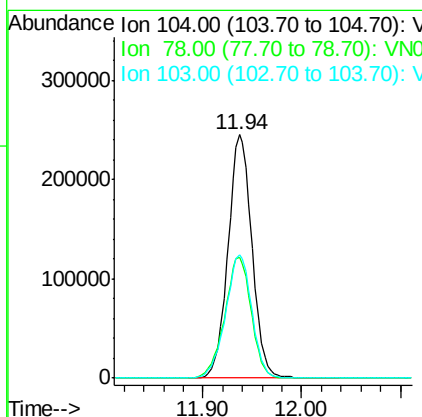
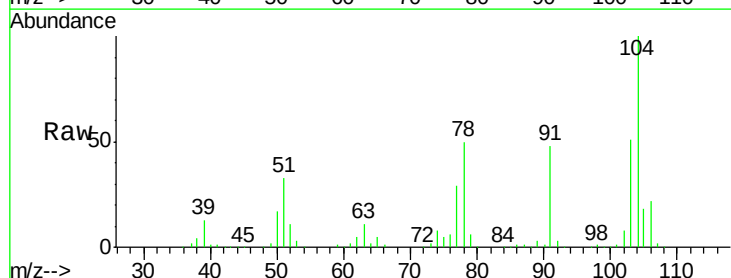
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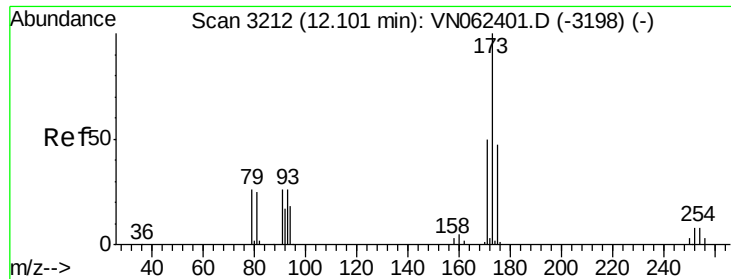
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#70
Styrene
Concen: 55.343 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		416232		
78	55.1	44.2	66.4		
103	55.4	44.4	66.6		





#71

Bromoform

Concen: 54.819 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 104236

Ion Ratio Lower Upper

173 100

175 48.4 23.7 71.1

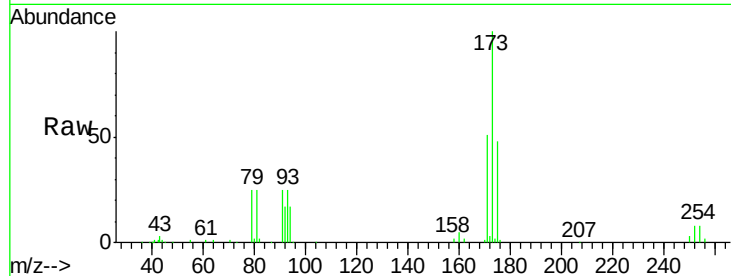
254 0.0 0.0 0.0

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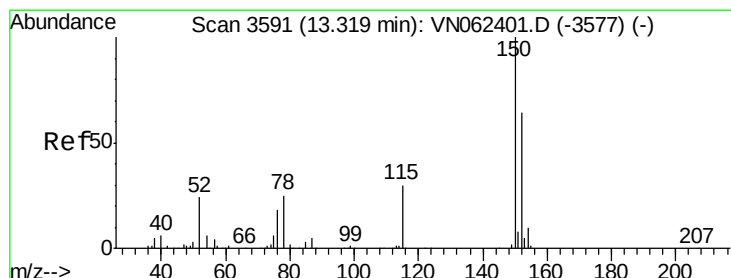
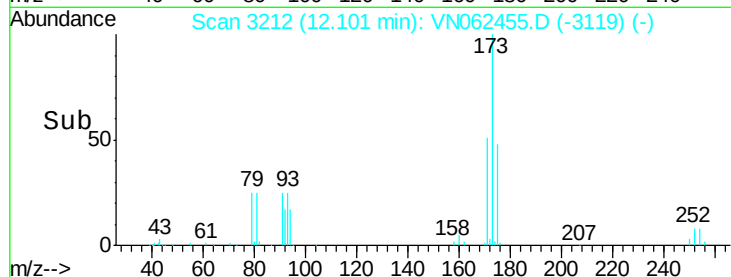
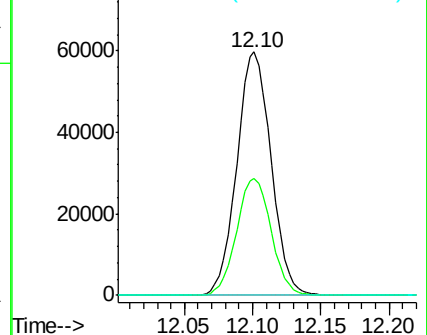
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN062455.D

Acq: 9 Jul 2020 14:17

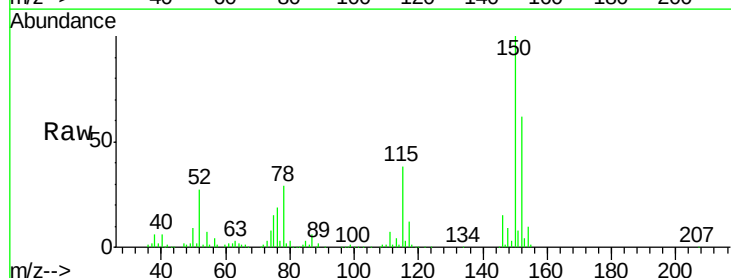
Tgt Ion:152 Resp: 162948

Ion Ratio Lower Upper

152 100

115 62.7 31.4 94.2

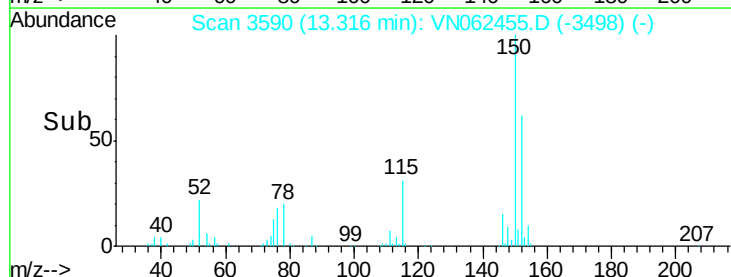
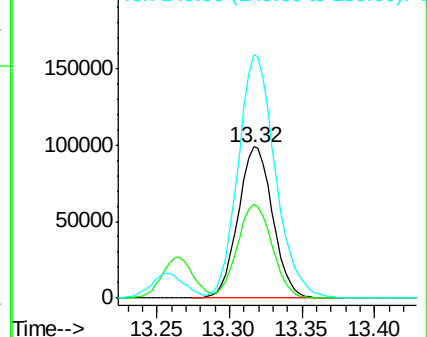
150 174.2 0.0 347.4

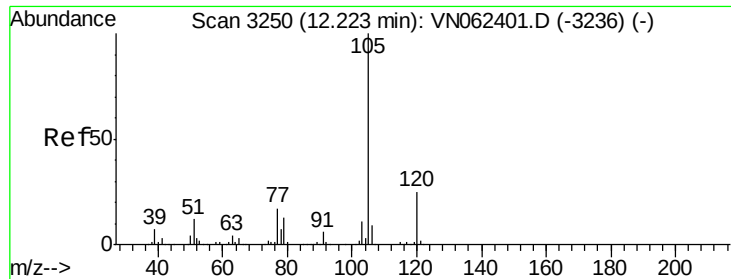


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.338 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 659941

Ion Ratio Lower Upper

105 100

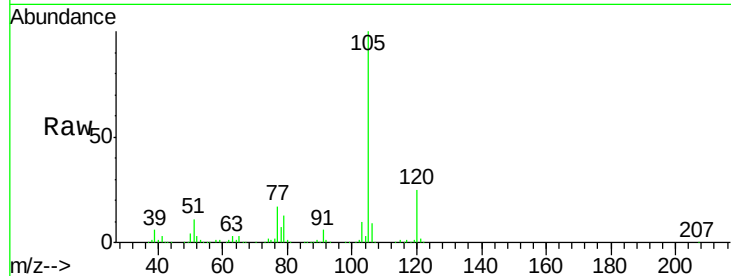
120 25.6 12.7 38.1

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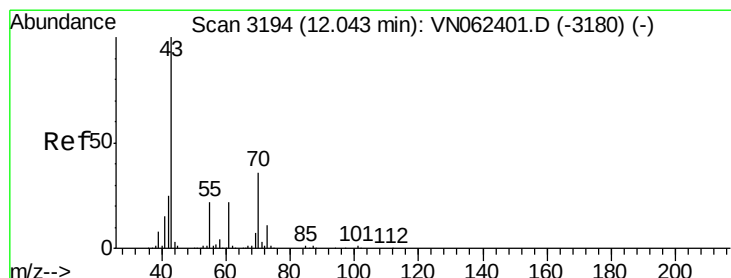
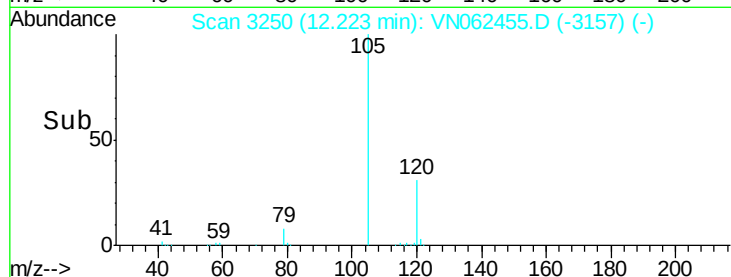
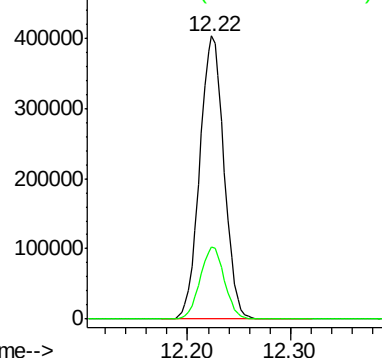
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.922 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion: 43 Resp: 337072

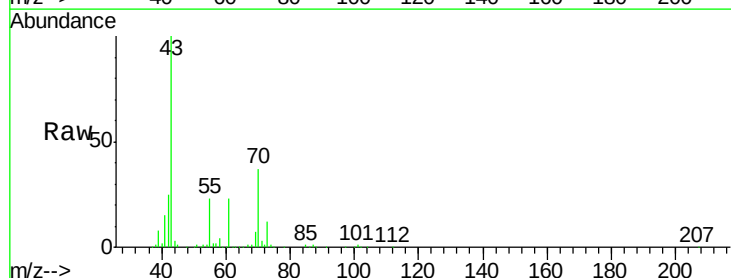
Ion Ratio Lower Upper

43 100

70 37.9 30.0 45.0

55 23.1 18.2 27.4

61 22.8 17.7 26.5

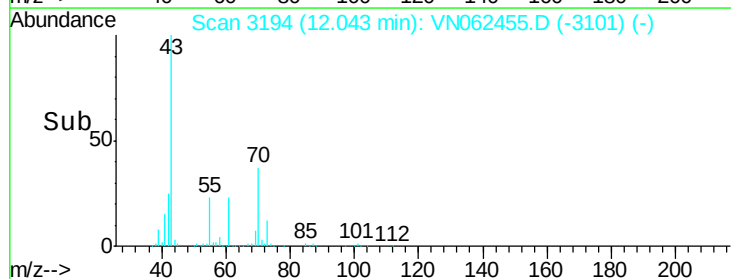
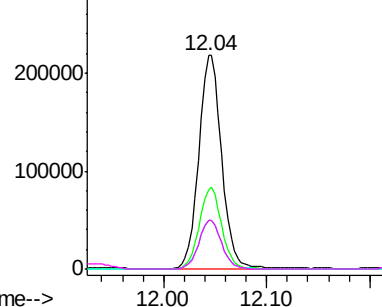


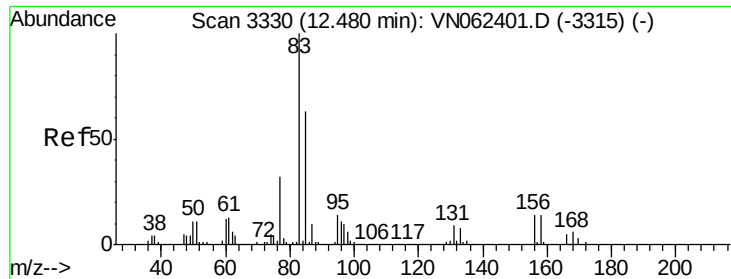
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.000 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

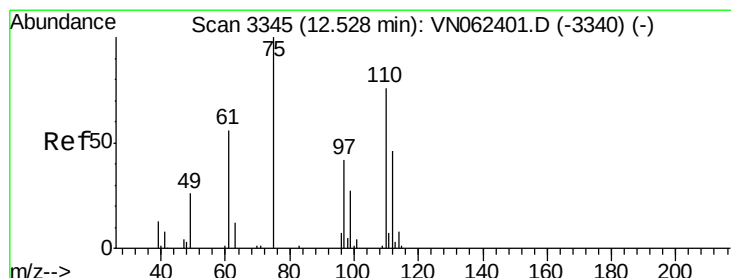
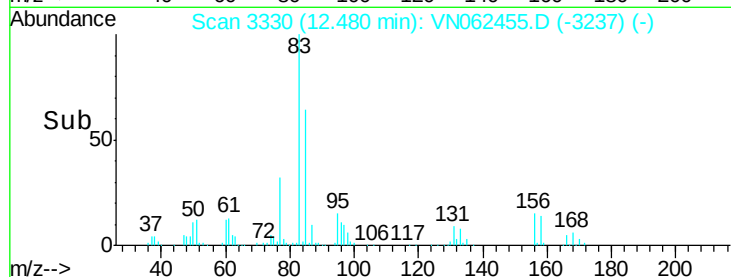
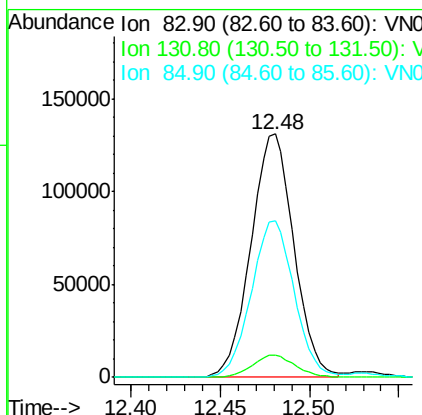
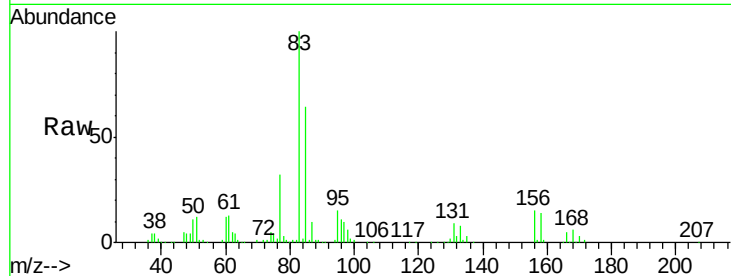
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	220464
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.5	13.5
85	64.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 48.584 ug/l m

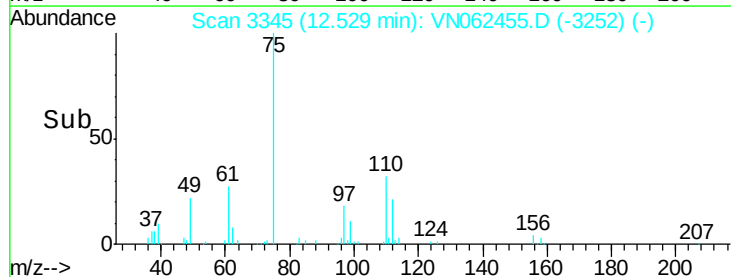
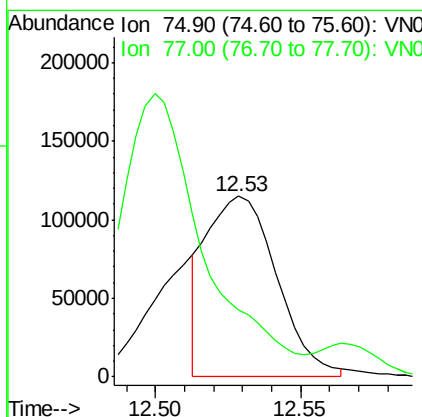
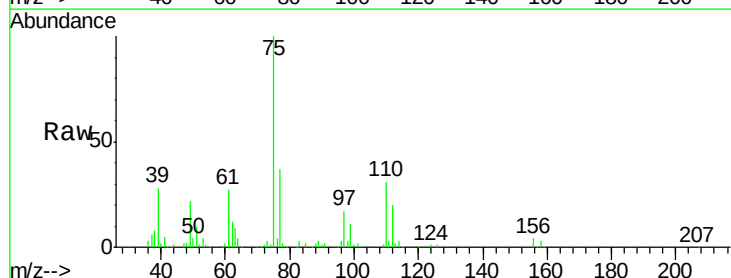
RT: 12.53 min Scan# 3345

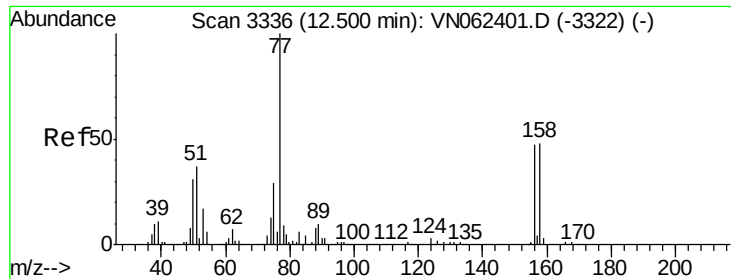
Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion:	75	Resp:	194247
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.914 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

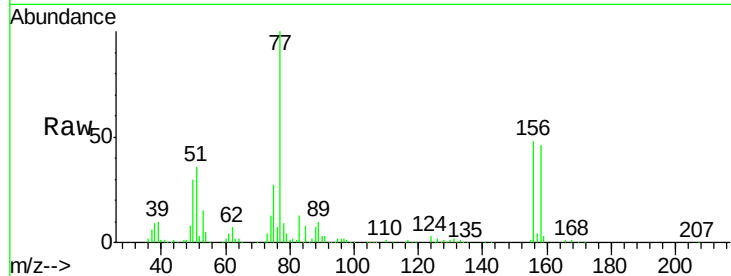
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	148817
Ion Ratio	Lower	Upper	
156	100		
77	247.6	126.4	379.3
158	96.4	49.8	149.4

Manual Integrations
APPROVED

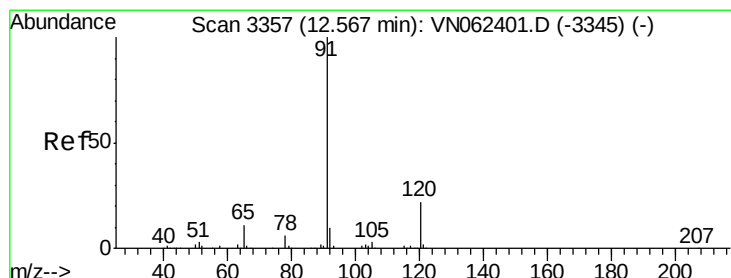
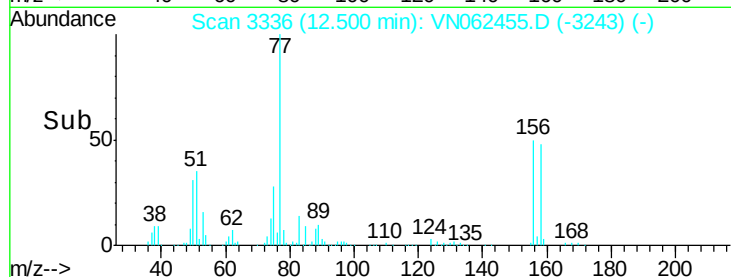
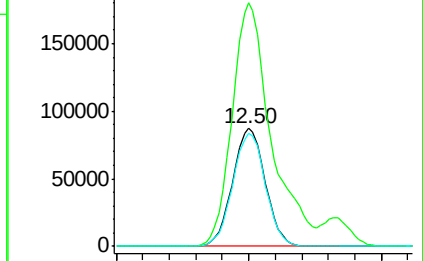
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.957 ug/l

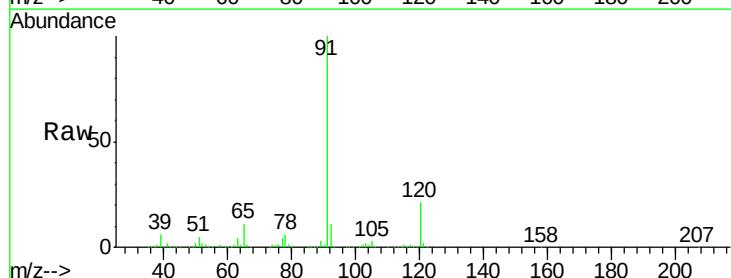
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062455.D

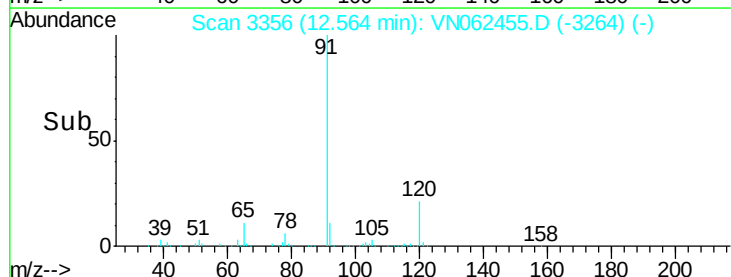
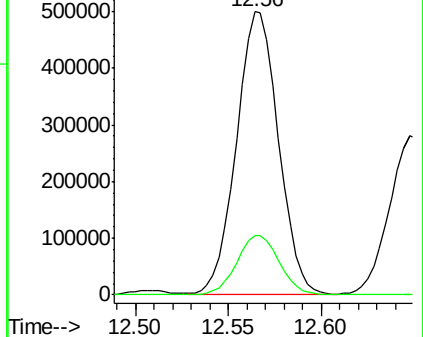
Acq: 9 Jul 2020 14:17

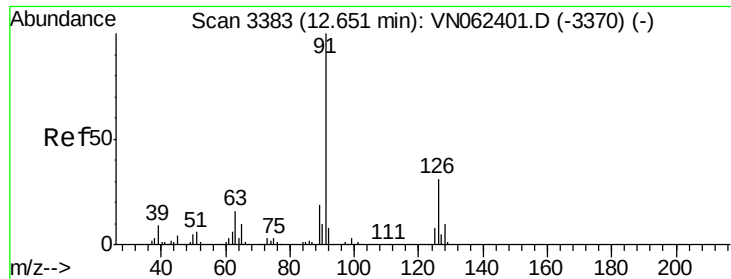
Tgt Ion:	91	Resp:	779998
Ion Ratio	Lower	Upper	
91	100		
120	21.4	10.7	32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.045 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 465249

Ion Ratio Lower Upper

91 100

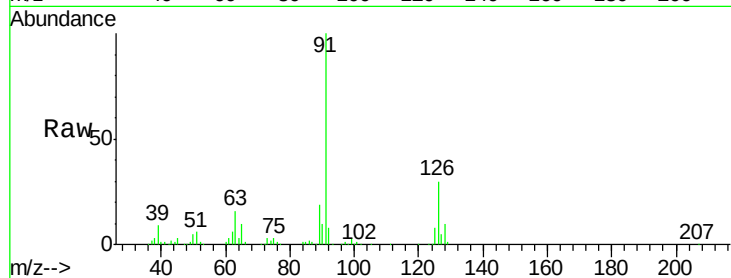
126 31.2 15.6 46.7

Manual Integrations

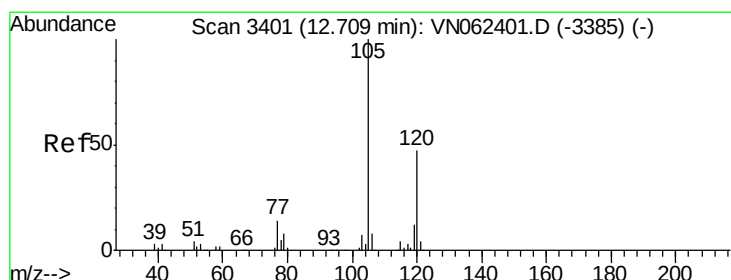
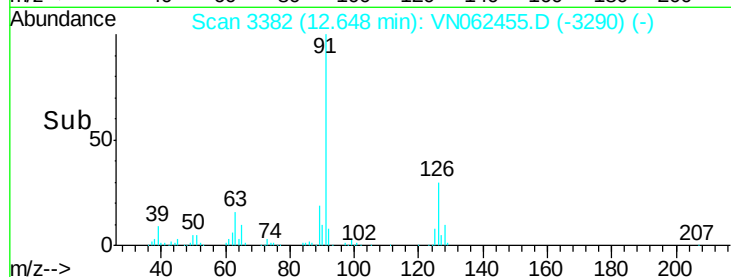
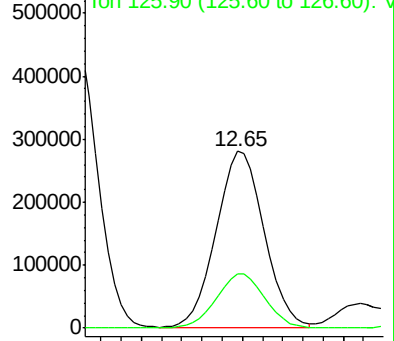
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Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.468 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062455.D

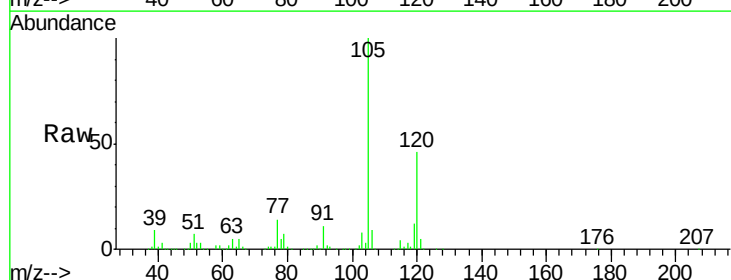
Acq: 9 Jul 2020 14:17

Tgt Ion: 105 Resp: 552688

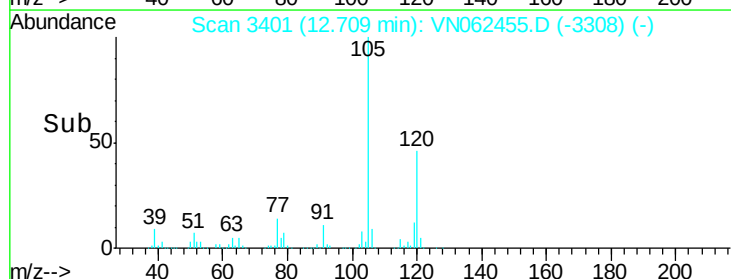
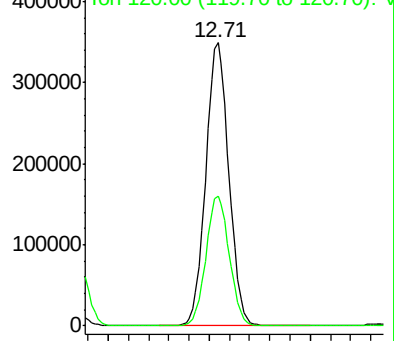
Ion Ratio Lower Upper

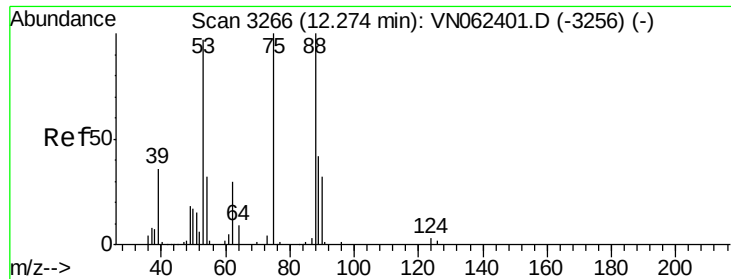
105 100

120 46.3 23.4 70.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 46.780 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 69879

Ion Ratio Lower Upper

75 100

53 98.0 79.2 118.8

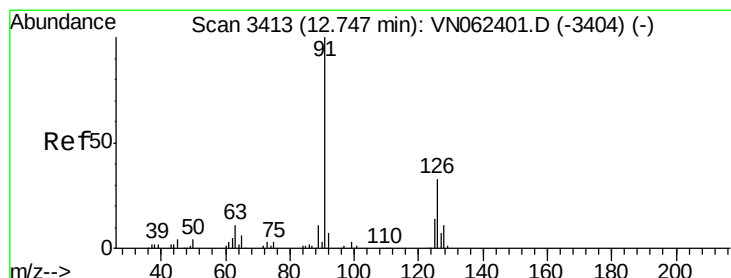
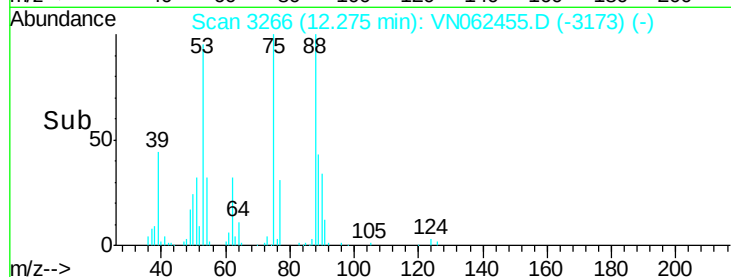
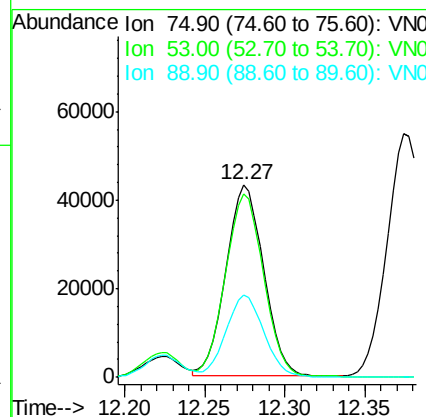
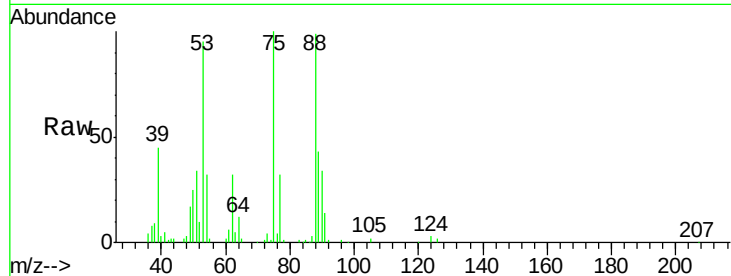
89 43.5 34.6 52.0

Manual Integrations

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#82

4-Chlorotoluene

Concen: 52.719 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062455.D

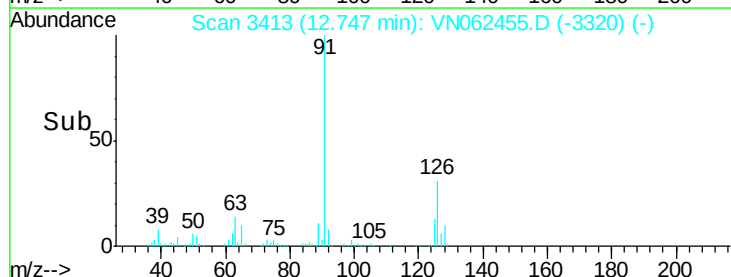
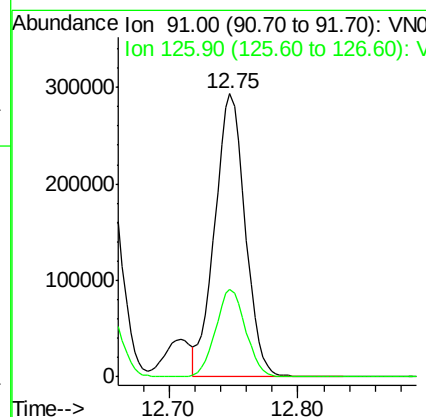
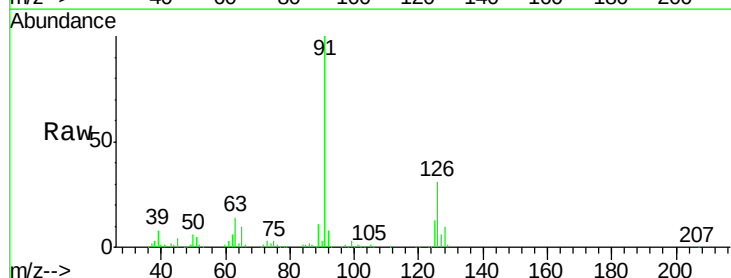
Acq: 9 Jul 2020 14:17

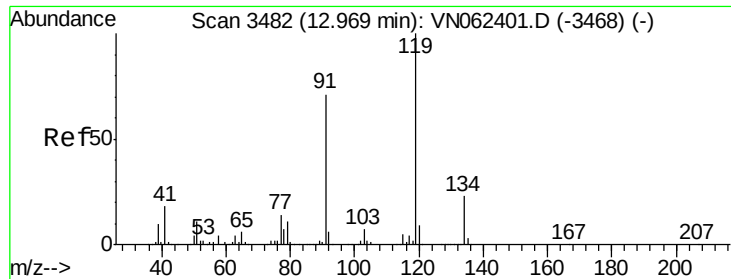
Tgt Ion: 91 Resp: 478445

Ion Ratio Lower Upper

91 100

126 30.8 15.2 45.6





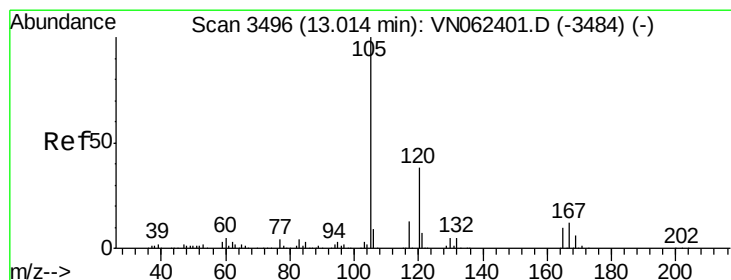
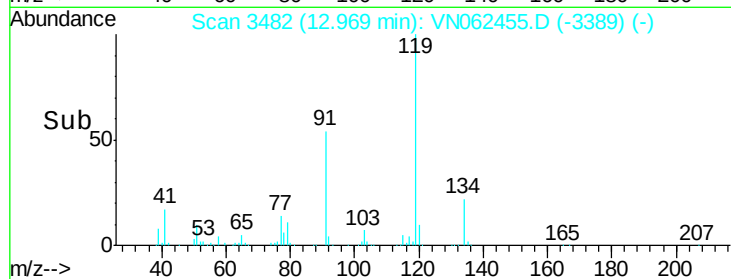
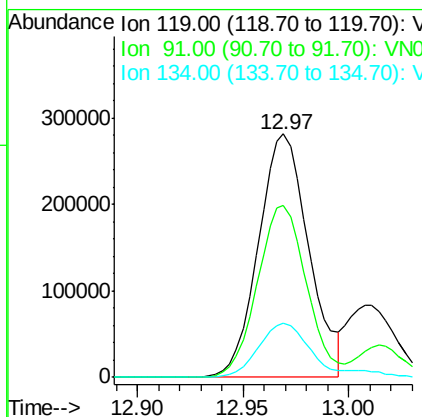
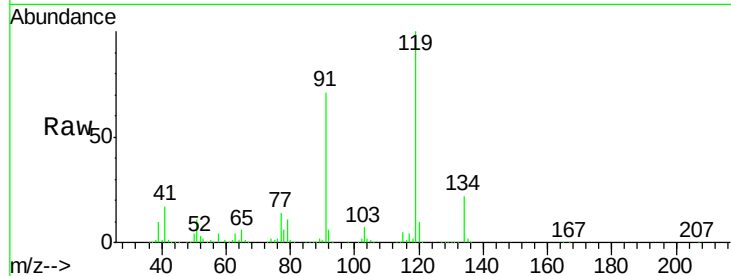
#83
 tert-Butylbenzene
 Concen: 53.265 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	34.8	104.3
134	22.4	11.7	35.0

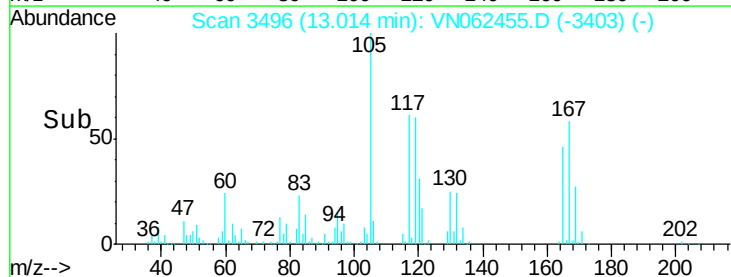
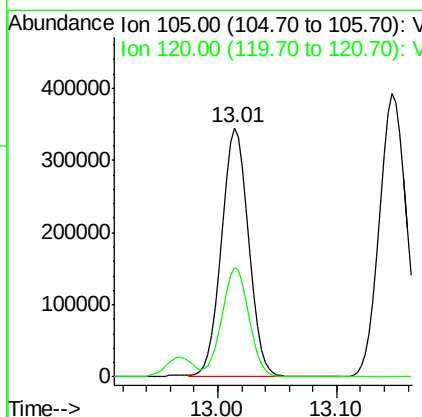
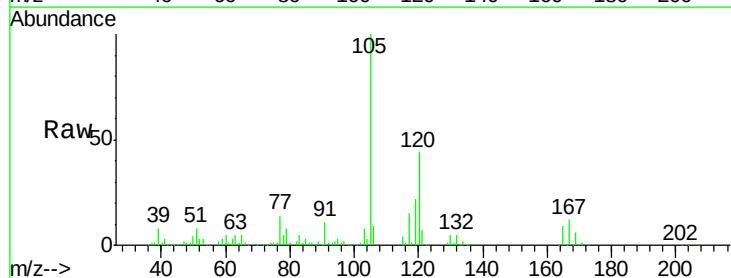
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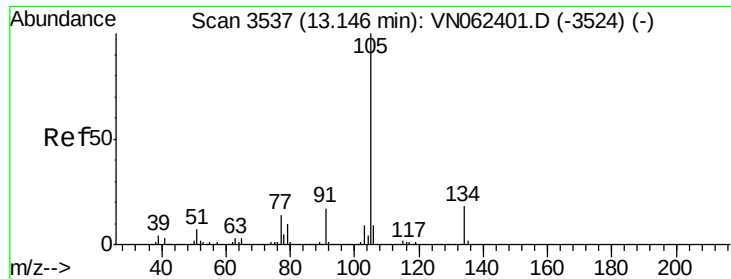
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.014 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.6	64.8





#85

sec-Butylbenzene

Concen: 53.586 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 622877

Ion Ratio Lower Upper

105 100

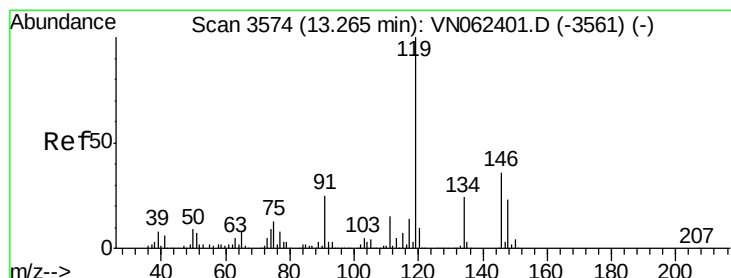
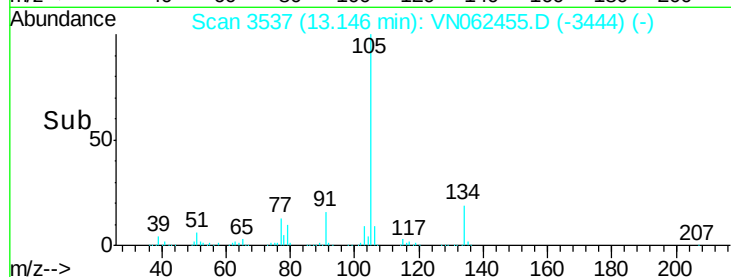
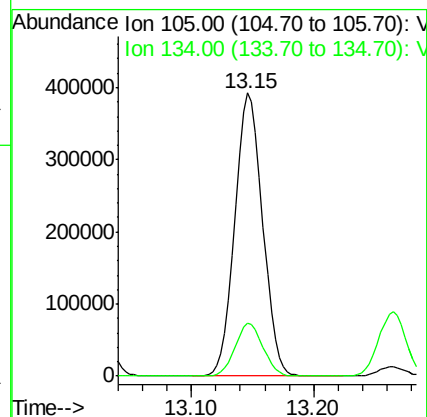
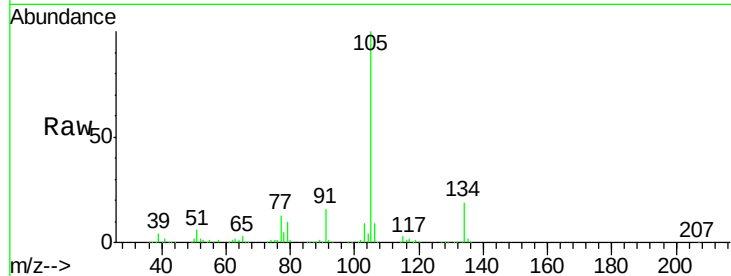
134 18.7 9.3 28.0

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#86

p-Isopropyltoluene

Concen: 54.502 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

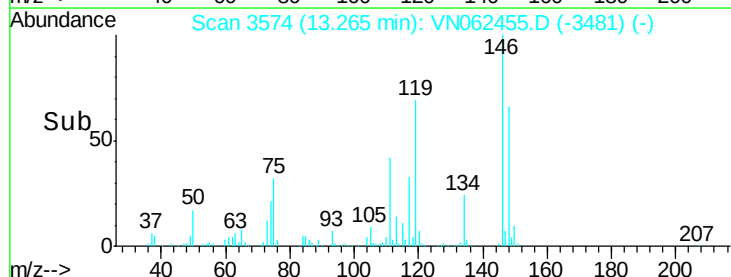
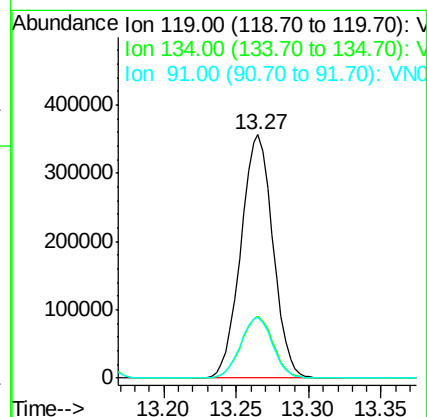
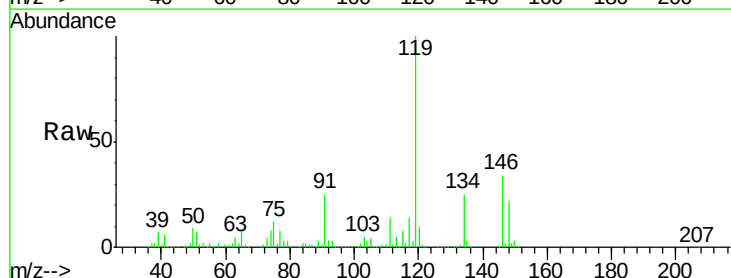
Tgt Ion:119 Resp: 546792

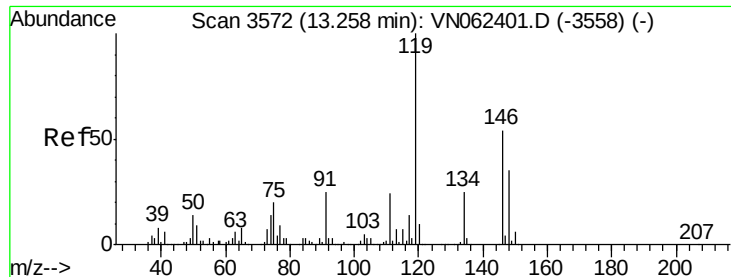
Ion Ratio Lower Upper

119 100

134 25.4 12.4 37.0

91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 53.163 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

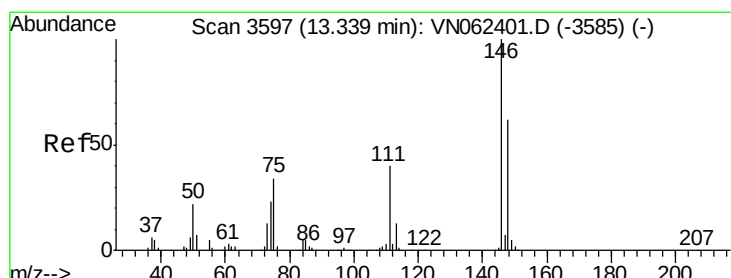
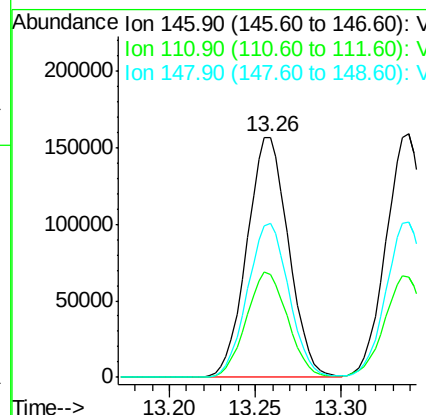
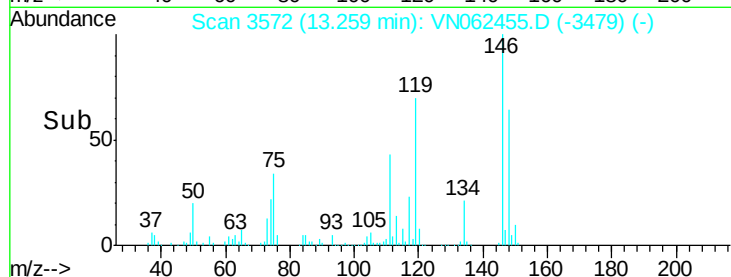
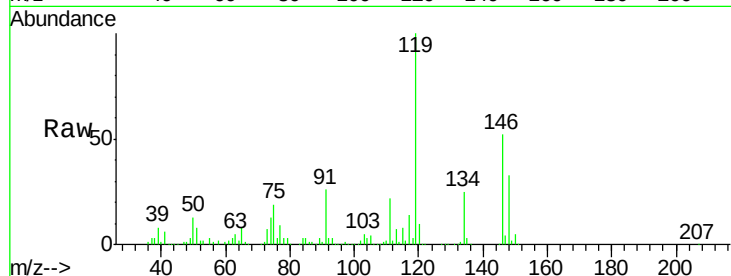
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	262907
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.6	64.6
148	64.1	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 51.774 ug/l

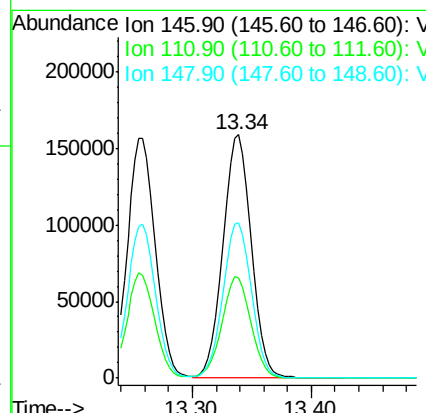
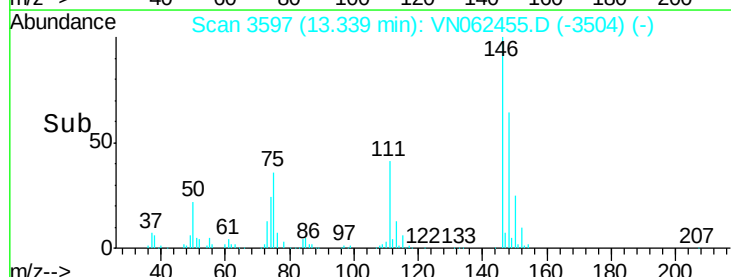
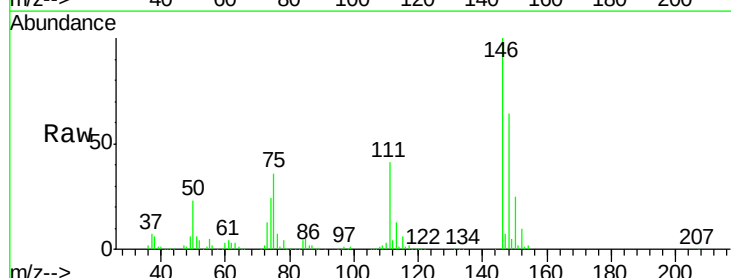
RT: 13.34 min Scan# 3597

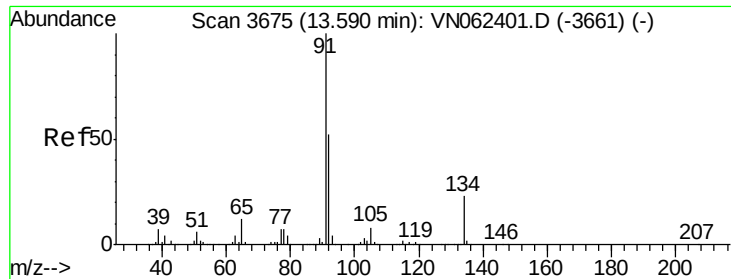
Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion:	146	Resp:	263452
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.1	63.1
148	63.7	31.4	94.2





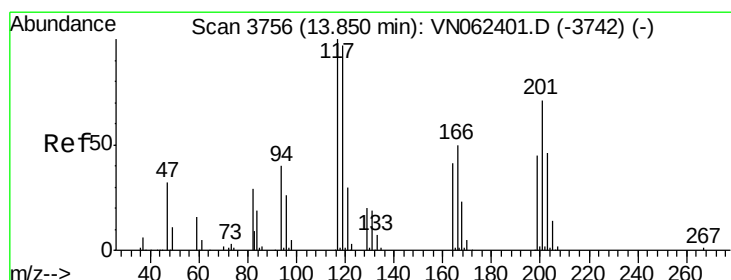
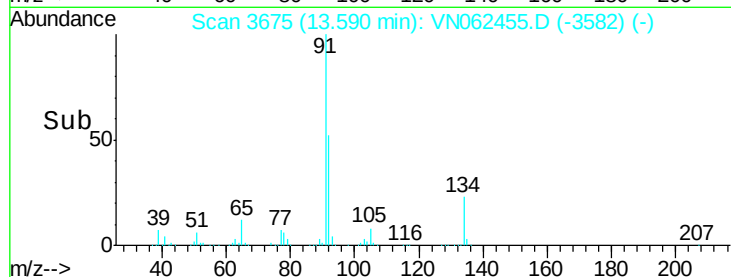
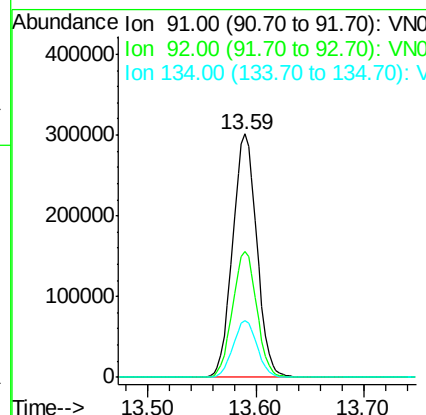
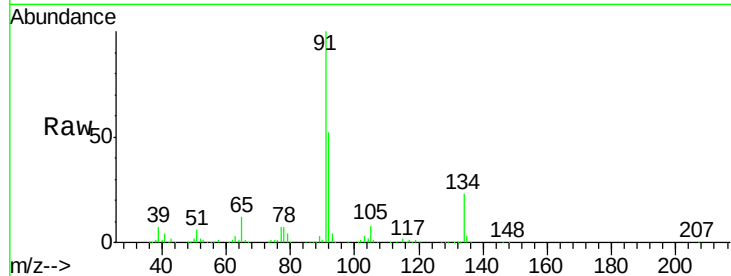
#89
n-Butylbenzene
Concen: 53.328 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.9	77.7
134	23.2	11.6	34.8

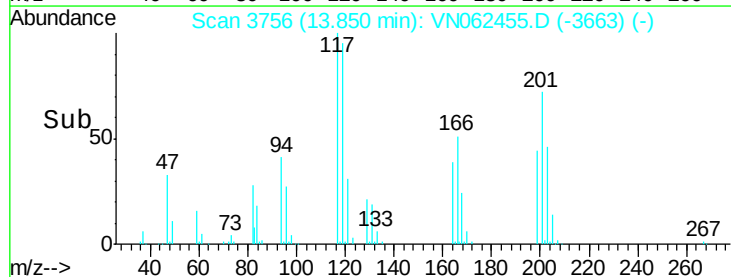
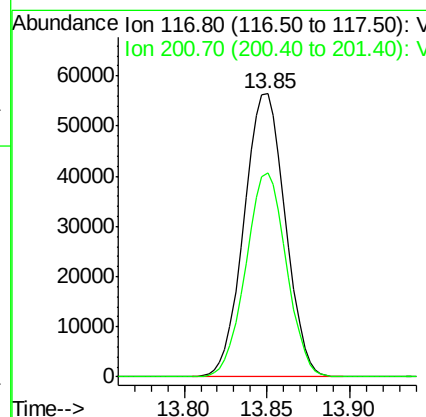
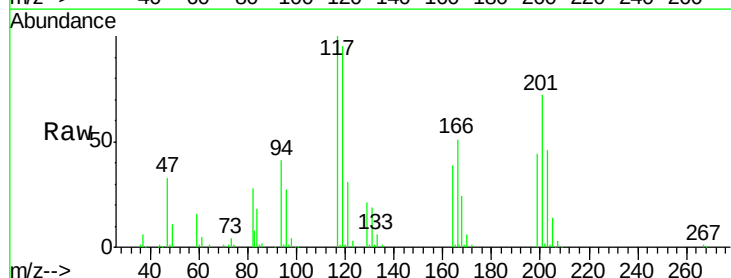
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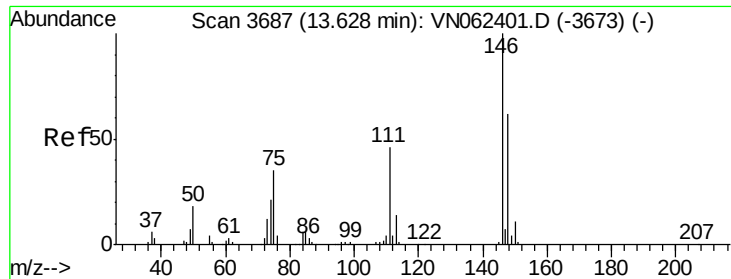
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#90
Hexachloroethane
Concen: 49.444 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062455.D
Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.7	35.4	106.2





#91

1,2-Dichlorobenzene

Concen: 53.902 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

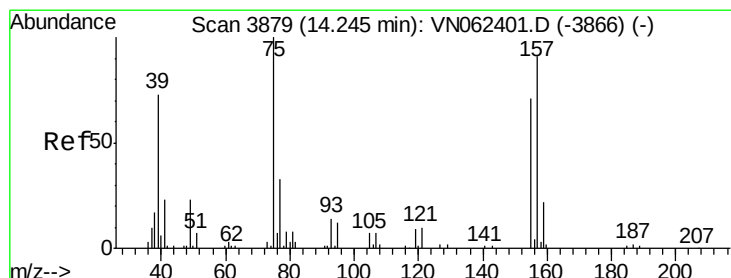
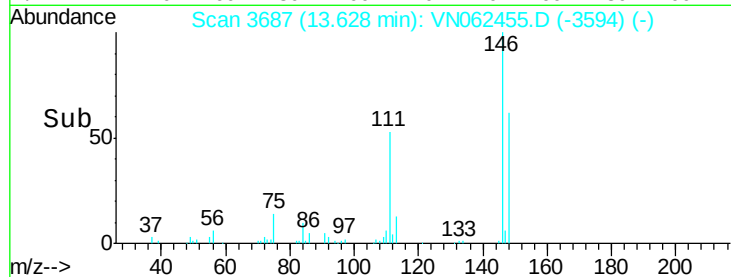
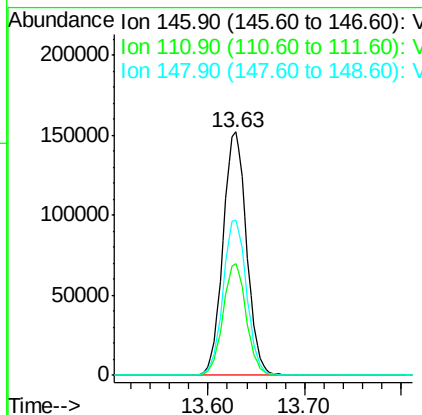
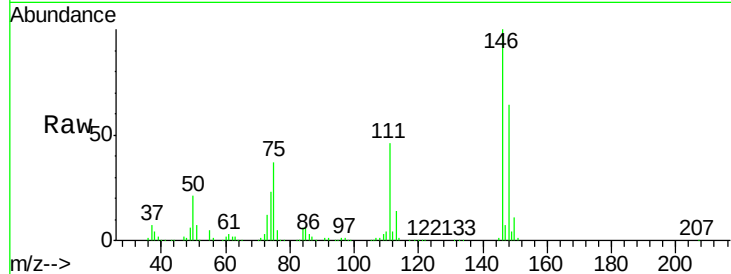
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	257728
Ion Ratio	Lower	Upper	
146	100		
111	44.9	22.5	67.5
148	63.7	31.4	94.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 54.300 ug/l

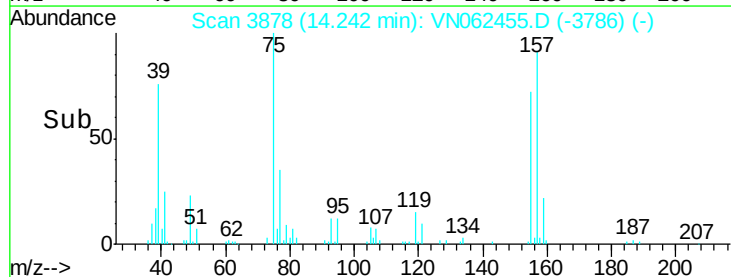
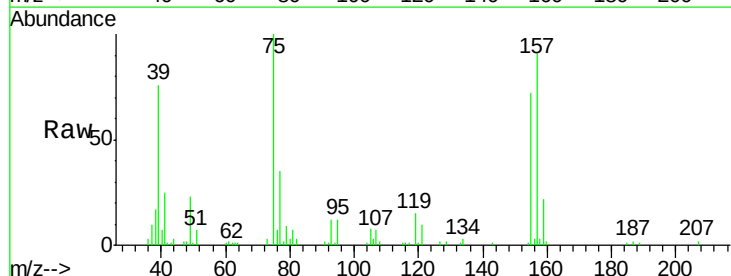
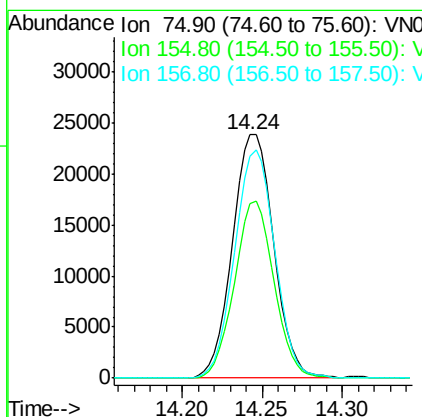
RT: 14.24 min Scan# 3878

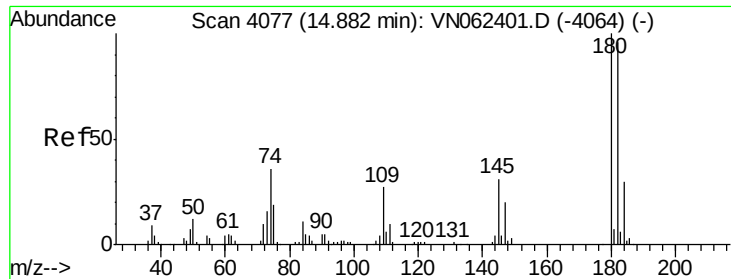
Delta R.T. -0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion:	75	Resp:	42012
Ion Ratio	Lower	Upper	
75	100		
155	69.4	35.2	105.6
157	91.2	45.8	137.3





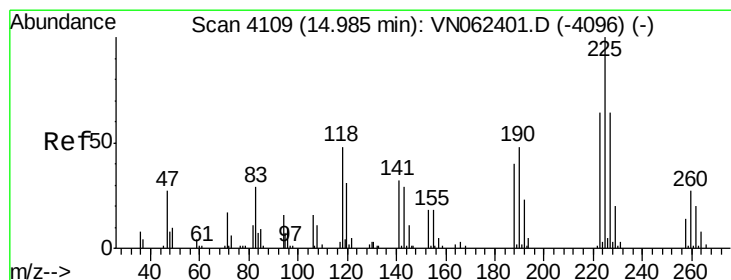
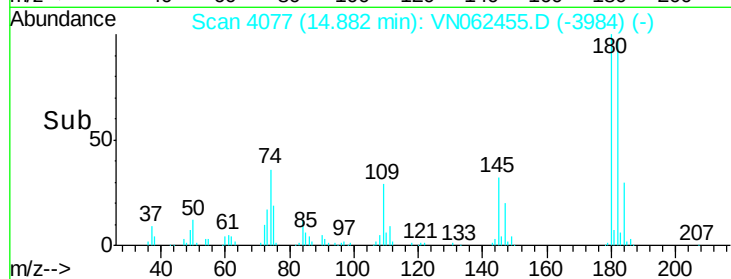
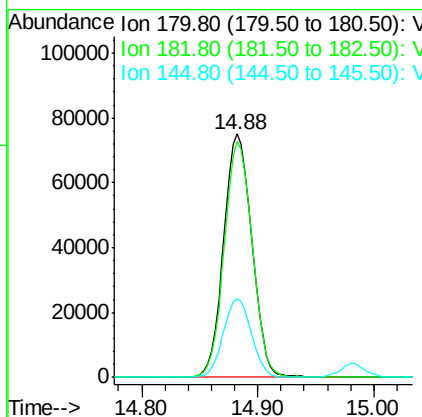
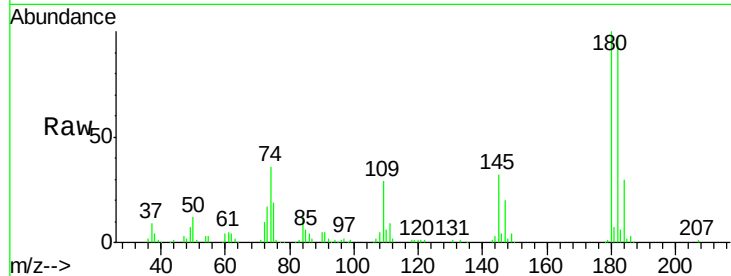
#93
 1,2,4-Trichlorobenzene
 Concen: 54.898 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	126178		
182	95.8	48.4	145.2	
145	32.0	15.5	46.5	

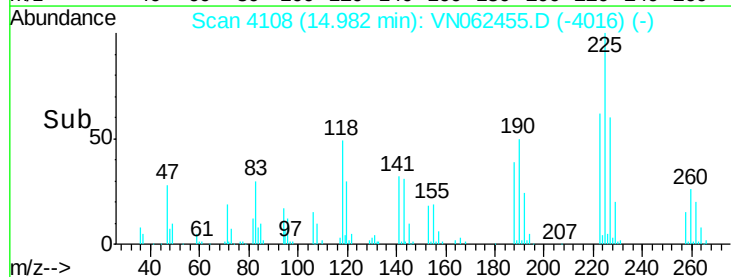
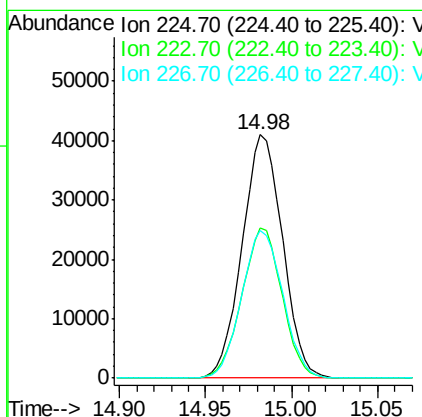
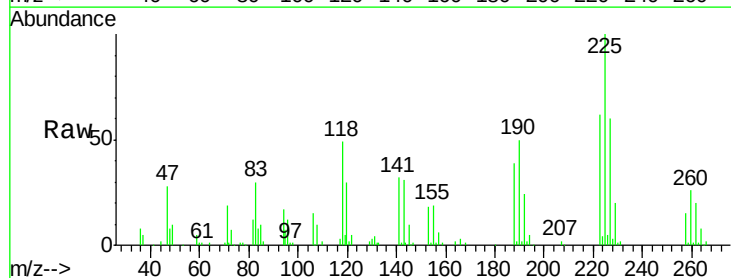
Manual Integrations
 APPROVED

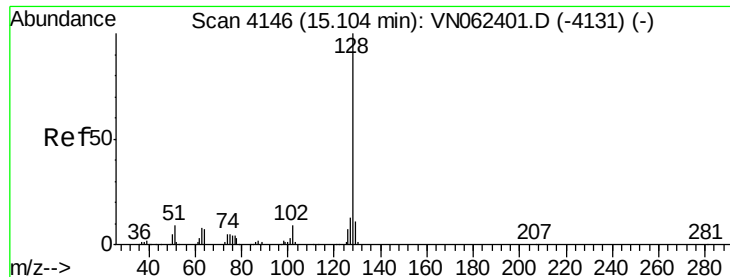
MMDadoda
 7/10/2020 9:23:59 AM



#94
 Hexachlorobutadiene
 Concen: 52.622 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062455.D
 Acq: 9 Jul 2020 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66805		
223	61.1	32.3	96.8	
227	61.7	31.9	95.7	





#95

Naphthalene

Concen: 56.250 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Instrument :

MSVOA_N

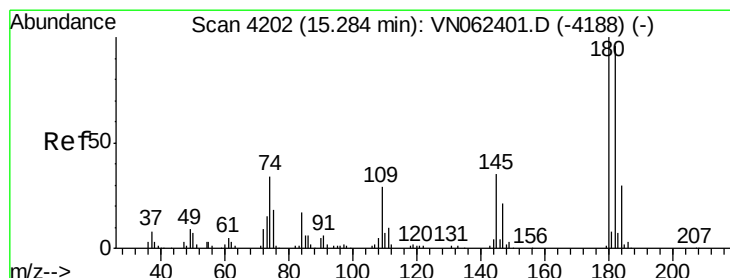
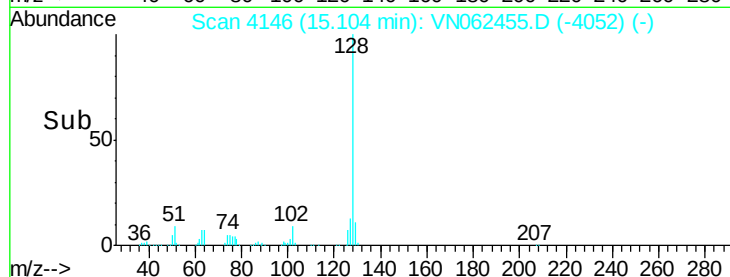
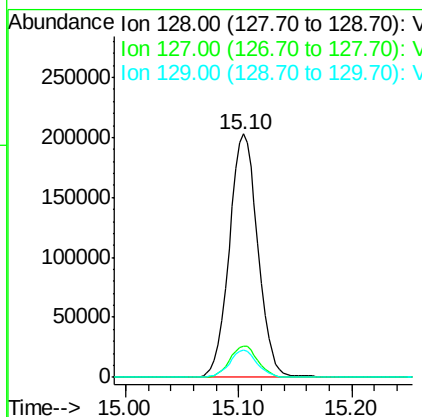
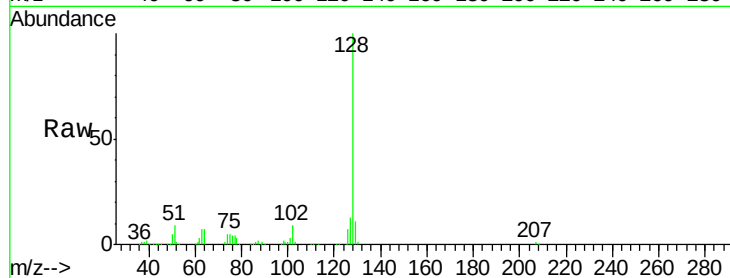
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	355788
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
7/10/2020 9:23:59 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.989 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062455.D

Acq: 9 Jul 2020 14:17

Tgt Ion:	180	Resp:	125948
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.8	143.4
145	33.2	17.0	50.9

