

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071320\
 Data File : VN062518.D
 Acq On : 13 Jul 2020 16:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:37:00 AM

Quant Time: Jul 14 01:21:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	41938	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	230544	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	210163	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	102869	28.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.17%
60) 4-Bromofluorobenzene	12.37	95	106003	29.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.80%
63) Toluene-d8	10.06	98	302774	30.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	50505	20.404	ug/l 96
3) Chloromethane	2.04	50	71492	20.002	ug/l 99
4) Vinyl Chloride	2.16	62	62443	19.986	ug/l 99
5) Bromomethane	2.54	94	27325	17.629	ug/l 91
6) Chloroethane	2.67	64	29177	18.970	ug/l 97
7) Trichlorofluoromethane	2.98	101	69427	18.960	ug/l 98
8) Diethyl Ether	3.37	74	34687	19.705	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46668	19.714	ug/l 97
10) 1,1-Dichloroethene	3.70	96	47408	19.631	ug/l 94
11) Methyl Iodide	3.91	142	56011	18.939	ug/l 97
12) Methyl Acetate	4.28	43	60135	18.567	ug/l 98
13) Acrolein	3.57	56	43323	89.526	ug/l 99
14) Acrylonitrile	4.93	53	139560	92.649	ug/l 99
15) Acetone	3.77	58	35907	77.652	ug/l 99
16) Carbon Disulfide	4.01	76	151574	19.260	ug/l 99
17) Allyl chloride	4.27	41	93772	18.257	ug/l 97
18) Methylene Chloride	4.50	84	58095	19.550	ug/l 98
19) trans-1,2-Dichloroethene	4.99	96	51933	19.429	ug/l 95
20) Diisopropyl ether	5.90	45	209445	19.837	ug/l 99
21) 1,1-Dichloroethane	5.80	63	109429	19.604	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	59501	19.739	ug/l 99
23) tert-Butyl Alcohol	4.73	59	47968	95.153	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	172444	19.368	ug/l 99
25) Chloroform	7.33	83	100274	19.588	ug/l 98
26) Cyclohexane	7.61	56	97732	19.864	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	79106	20.229	ug/l 98
30) 2-Butanone	6.78	43	188826	91.047	ug/l 98
31) 2,2-Dichloropropane	6.77	77	86615	19.643	ug/l # 71
32) 1,1,1-Trichloroethane	7.52	97	84770	20.169	ug/l 98
33) Carbon Tetrachloride	7.73	117	72007	19.763	ug/l 99
34) Benzene	8.00	78	236125	20.324	ug/l 97
35) Methacrylonitrile	7.12	41	42375	23.260	ug/l 97
36) 1,2-Dichloroethane	8.08	62	84510	20.238	ug/l 100
37) Trichloroethene	8.80	130	52560	20.141	ug/l 98
38) Methylcyclohexane	9.05	83	87757	20.004	ug/l 98
39) 1,2-Dichloropropane	9.08	63	66602	20.122	ug/l 100
40) Dibromomethane	9.17	93	37965	19.903	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	80734	19.955	ug/l	99
42) Vinyl Acetate	5.84	43	862073	100.030	ug/l	100
43) Ethyl Acetate	6.88	43	80403	19.283	ug/l	99
44) Isopropyl Acetate	8.12	43	136883	19.567	ug/l	98
45) 1,4-Dioxane	9.16	88	18211	380.544	ug/l	95
46) Methyl methacrylate	9.17	41	62747	18.906	ug/l	96
47) n-amyl Acetate	12.04	43	110119	18.674	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	92516	19.605	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	101423	19.910	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	53911	20.163	ug/l	98
51) Ethyl methacrylate	10.40	69	87509	19.439	ug/l	99
52) 1,3-Dichloropropane	10.68	76	96884	19.743	ug/l	97
53) Dibromochloromethane	10.87	129	58059	19.930	ug/l	99
54) 1,2-Dibromoethane	10.98	107	54150	19.786	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	141560	98.454	ug/l	100
56) Bromoform	12.10	173	39388	19.796	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	404504	98.788	ug/l	100
59) 2-Hexanone	10.72	43	282971	94.229	ug/l	99
61) Tetrachloroethene	10.60	164	44383	20.622	ug/l	93
62) Toluene	10.12	91	244055	20.470	ug/l	99
64) Chlorobenzene	11.40	112	142497	20.340	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	52508	20.248	ug/l	99
66) Ethyl Benzene	11.48	91	263416	19.951	ug/l	99
67) m/p-Xylenes	11.59	106	193397	40.357	ug/l	100
68) o-Xylene	11.92	106	91358	19.865	ug/l	100
69) Styrene	11.94	104	153526	19.669	ug/l	99
70) Isopropylbenzene	12.22	105	248120	20.098	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	80010	20.053	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	69639m	17.943	ug/l	
73) Bromobenzene	12.50	156	56737	19.844	ug/l	98
74) n-propylbenzene	12.56	91	294510	20.069	ug/l	100
75) 2-Chlorotoluene	12.65	91	177862	20.131	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	210523	20.013	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	27254	18.776	ug/l	97
78) 4-Chlorotoluene	12.75	91	179360	19.895	ug/l	99
79) tert-butylbenzene	12.97	119	175468	20.145	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	202806	19.603	ug/l	99
81) sec-Butylbenzene	13.15	105	233041	19.922	ug/l	100
82) p-Isopropyltoluene	13.26	119	203746	19.737	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	98309	19.799	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	95781	19.549	ug/l	97
85) n-Butylbenzene	13.59	91	166084	18.756	ug/l	98
86) Hexachloroethane	13.85	117	38181	19.168	ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	96621	20.236	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.25	75	14419	19.135	ug/l	98
89) 1,2,4-Trichlorobenzene	14.89	180	44558	18.745	ug/l	99
90) Hexachlorobutadiene	14.99	225	26888	20.395	ug/l	96
91) Naphthalene	15.10	128	118454	18.380	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	46401	19.368	ug/l	99

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Instrument :
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ClientSampleId :
VSTDCCC020EC

Manual Integrations
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QLast Update : Tue Jul 14 00:52:57 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

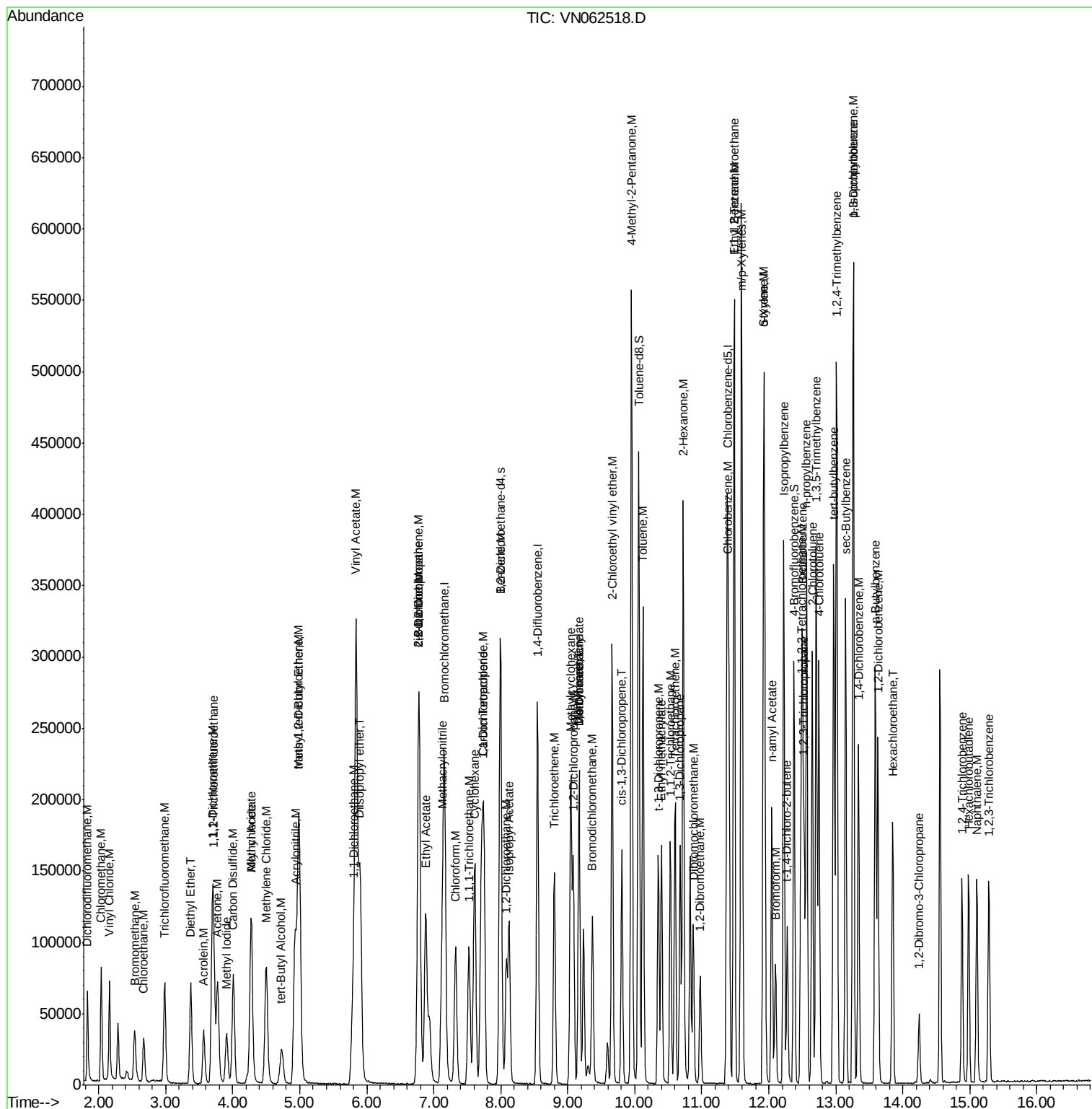
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071320\
Data File : VN062518.D
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Operator : JC/MD
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ALS Vial : 15 Sample Multiplier: 1

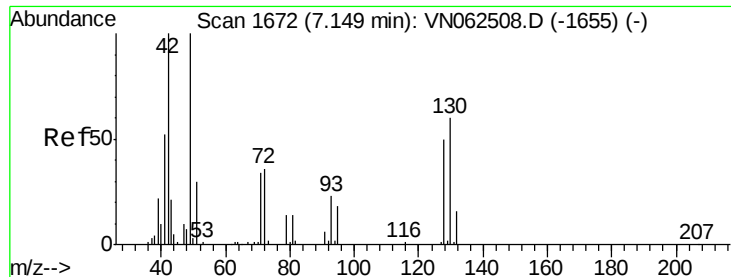
Instrument :
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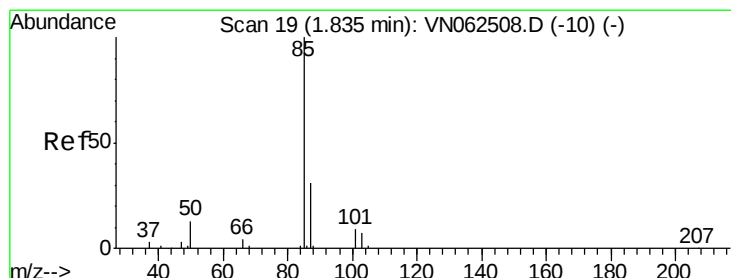
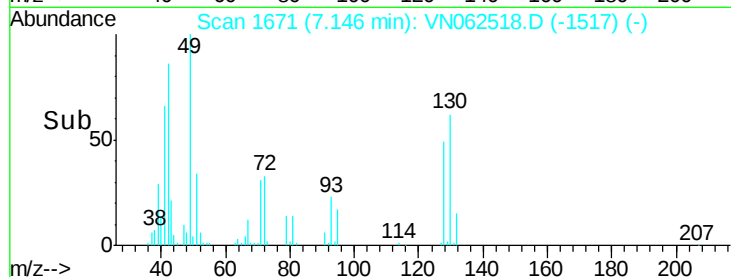
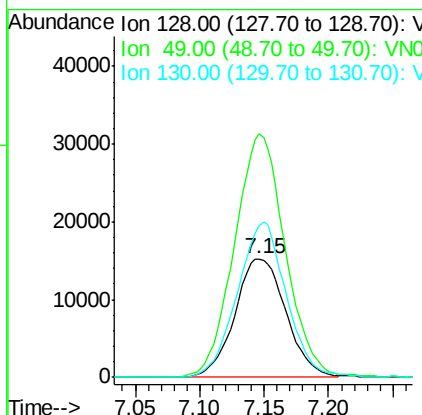
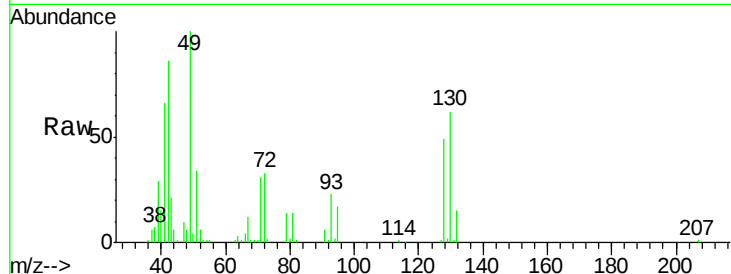
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	204.7	0.0	525.0
130	126.0	0.0	319.8

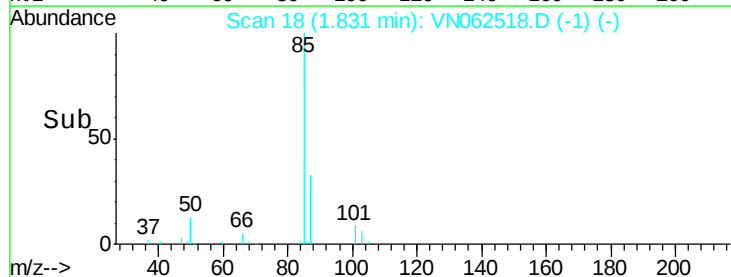
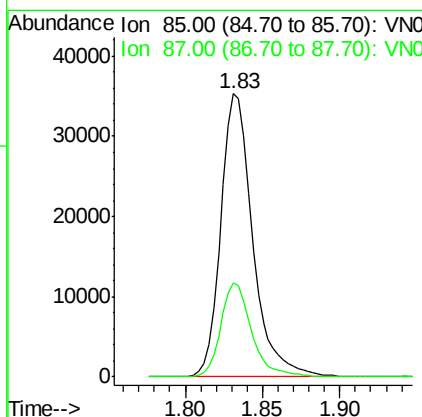
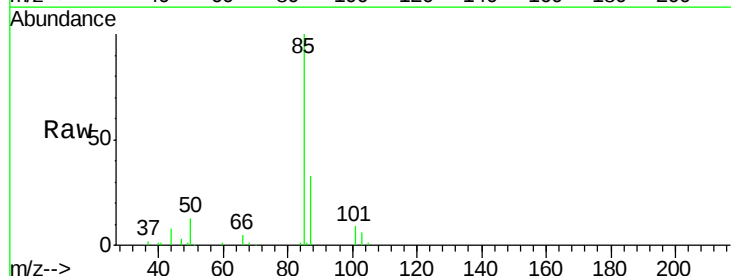
Manual Integrations
APPROVED

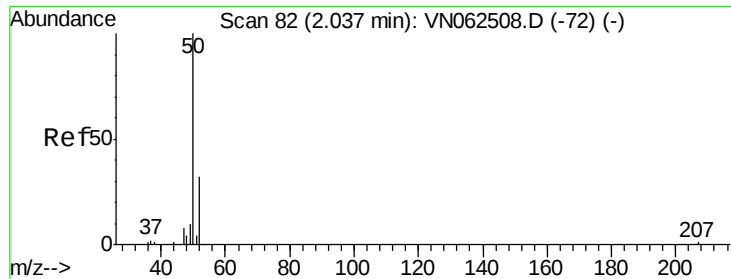
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#2
Dichlorodifluoromethane
Concen: 20.404 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	15.6	46.7





#3

Chloromethane

Concen: 20.002 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 71492

Ion Ratio Lower Upper

50 100

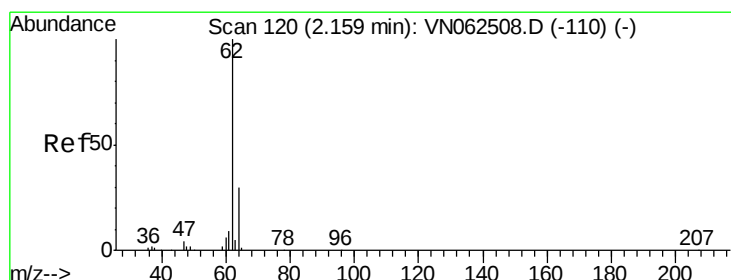
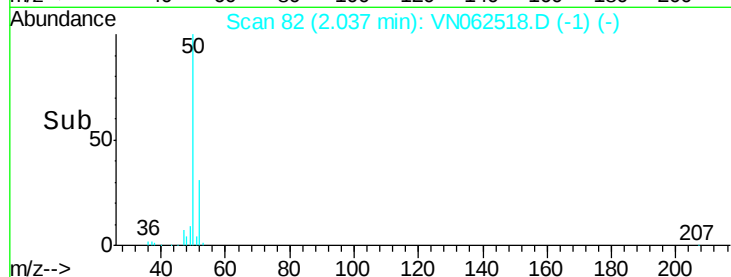
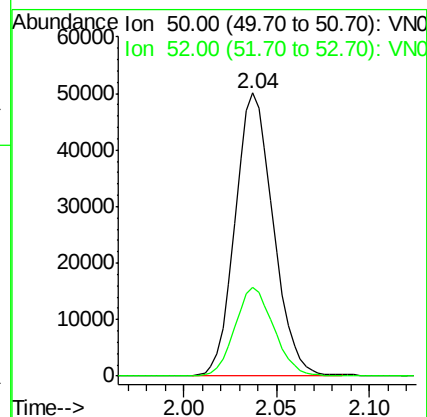
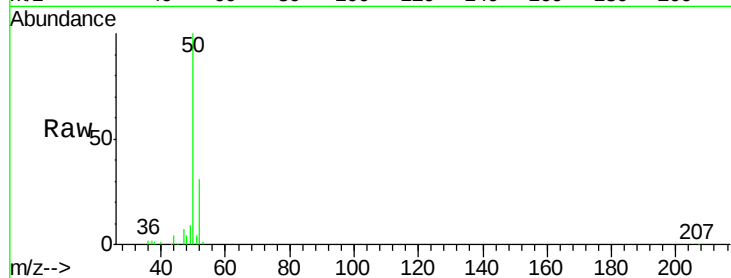
52 31.5 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.986 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062518.D

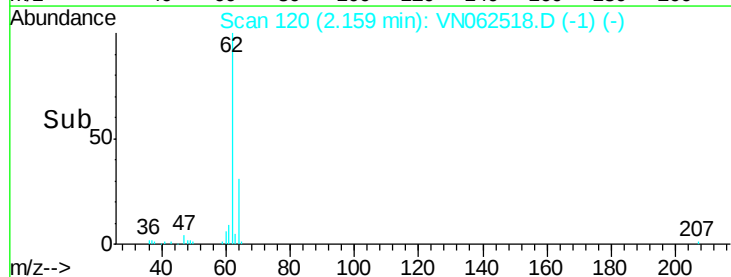
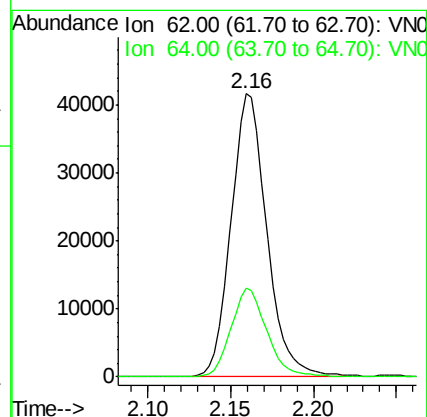
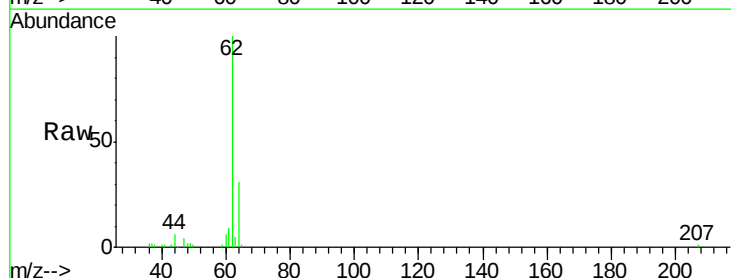
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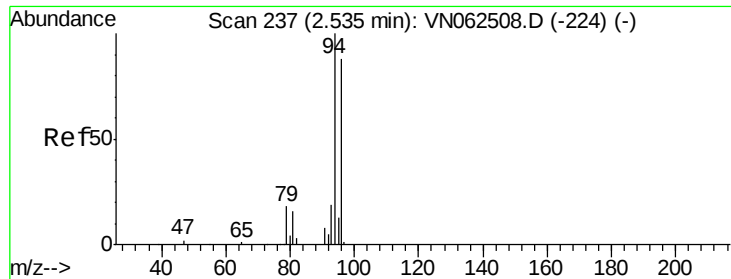
Tgt Ion: 62 Resp: 62443

Ion Ratio Lower Upper

62 100

64 31.2 24.3 36.5





#5

Bromomethane

Concen: 17.629 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 27325

Ion Ratio Lower Upper

94 100

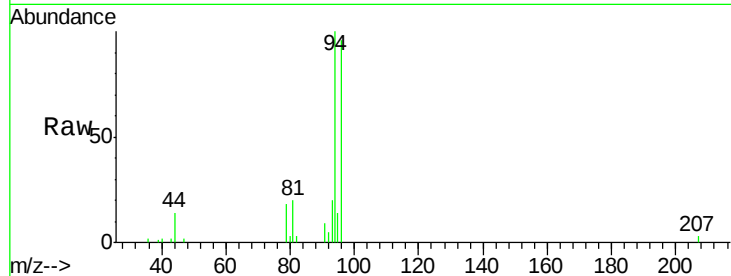
96 96.3 70.2 105.4

Manual Integrations

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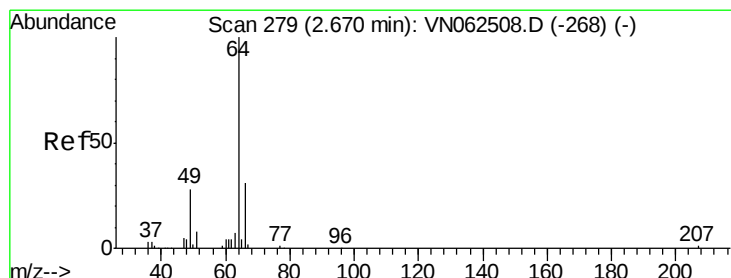
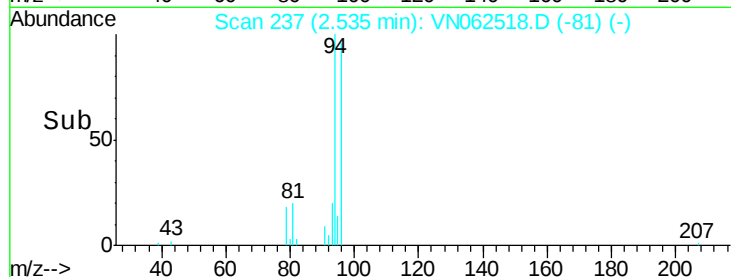
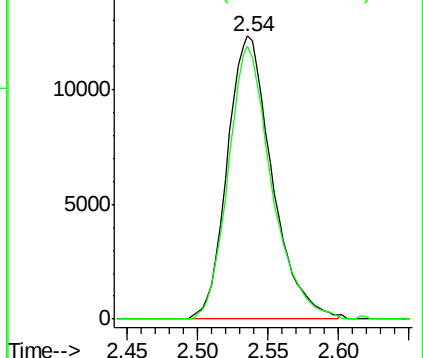
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 18.970 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN062518.D

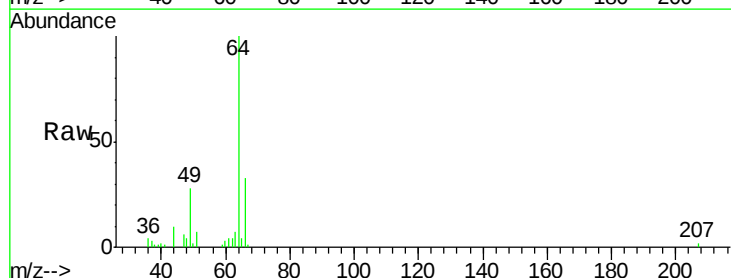
Acq: 13 Jul 2020 16:13

Tgt Ion: 64 Resp: 29177

Ion Ratio Lower Upper

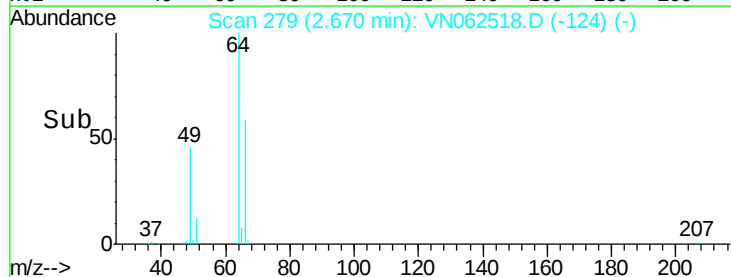
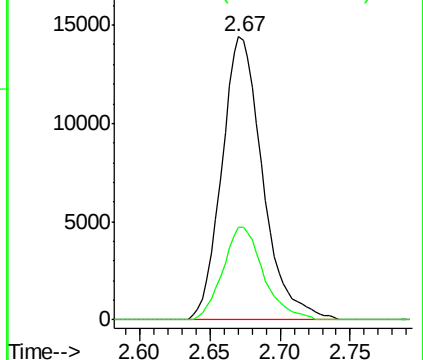
64 100

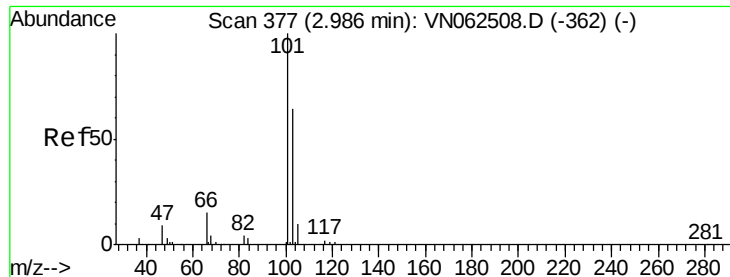
66 32.6 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

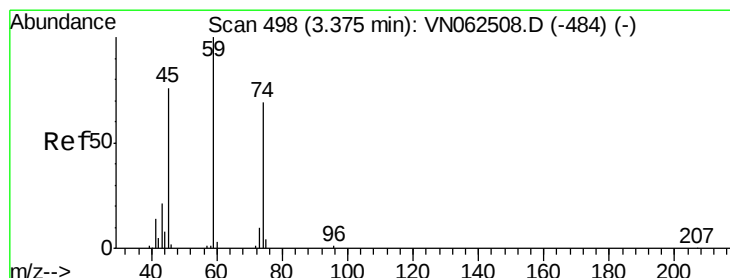
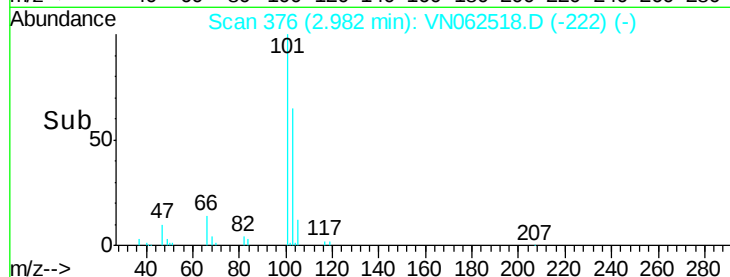
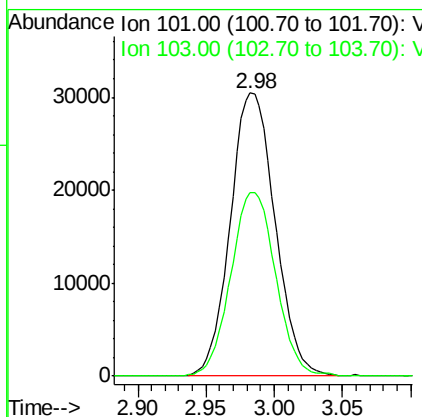
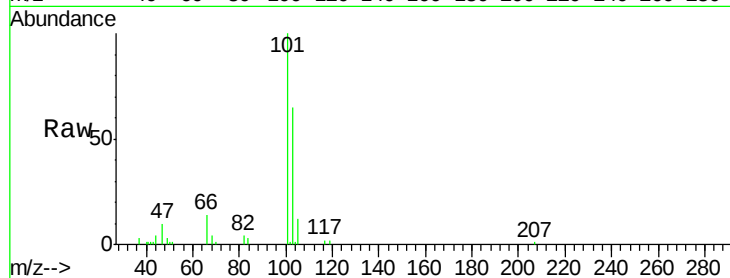
Trichlorofluoromethane
 Concen: 18.960 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.9	76.3

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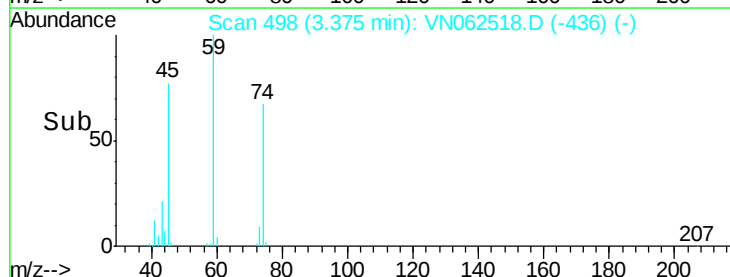
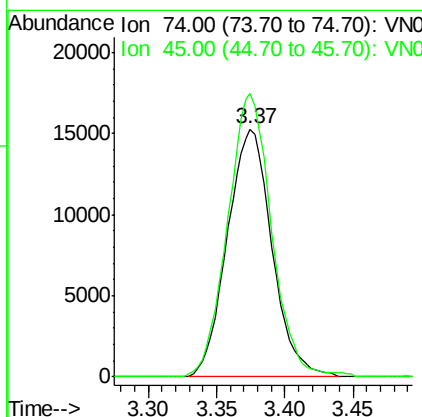
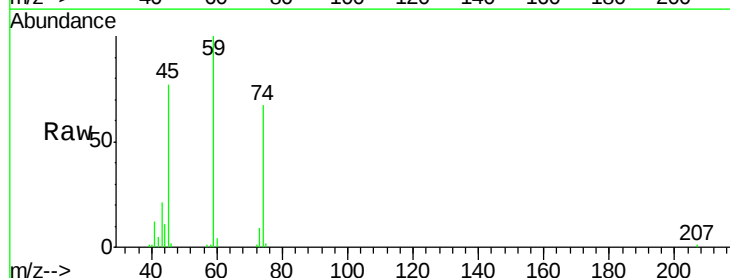
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 7/14/2020 11:37:00 AM

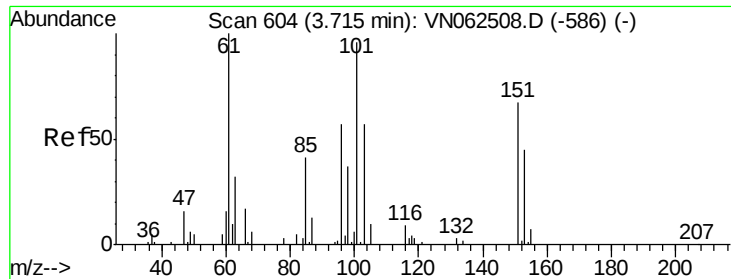


#8

Diethyl Ether
 Concen: 19.705 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.6	21.8	196.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.714 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

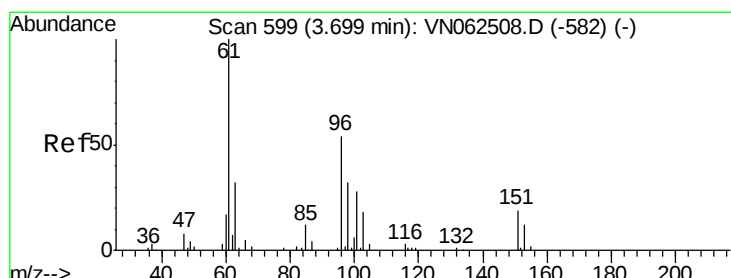
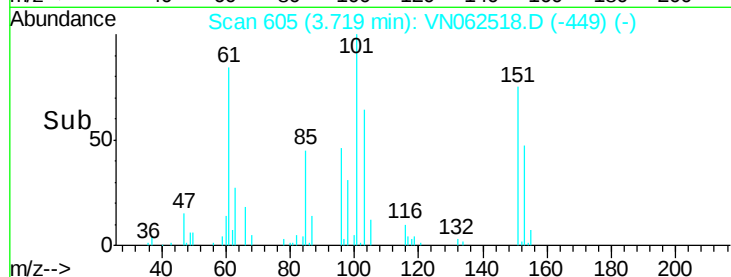
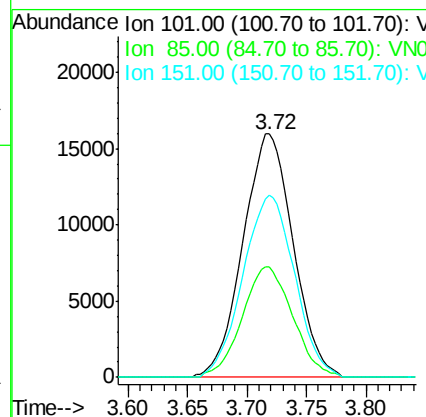
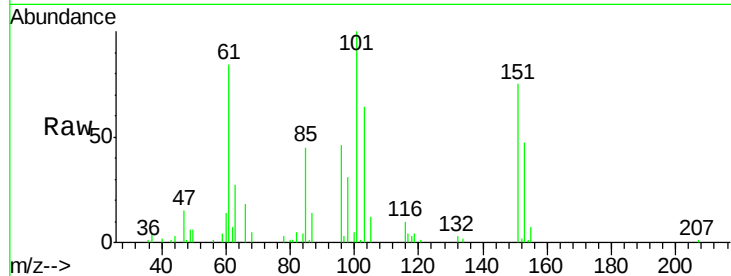
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	46668
Ion Ratio	Lower	Upper	
101	100		
85	45.6	0.0	90.4
151	76.9	0.0	145.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.631 ug/l

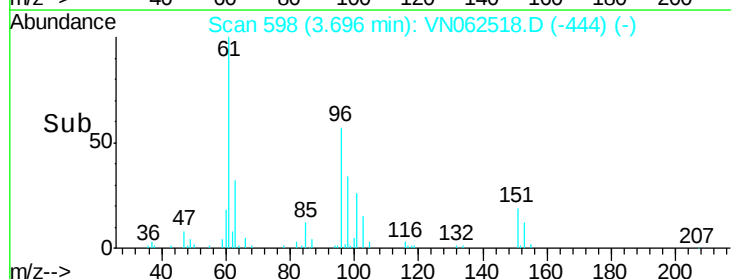
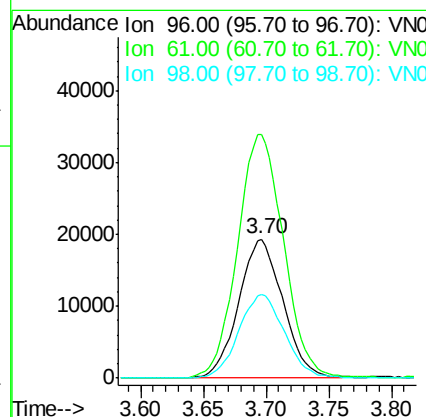
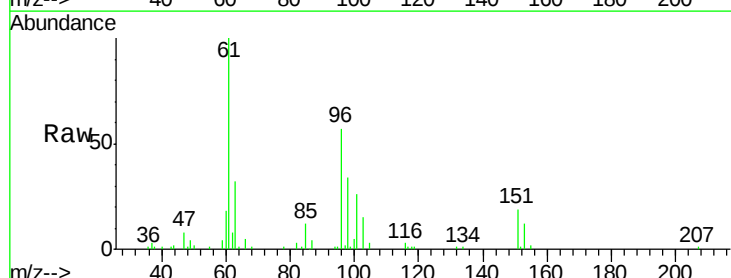
RT: 3.70 min Scan# 598

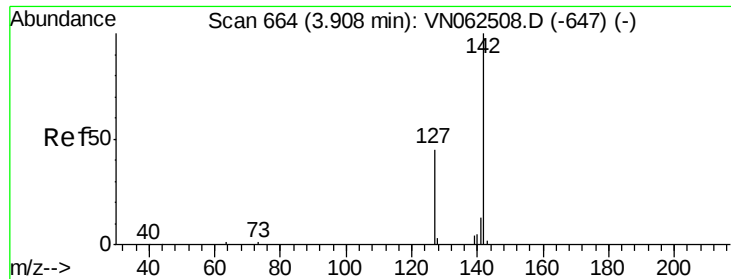
Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Tgt Ion:	96	Resp:	47408
Ion Ratio	Lower	Upper	
96	100		
61	174.2	147.8	221.8
98	60.4	47.8	71.8





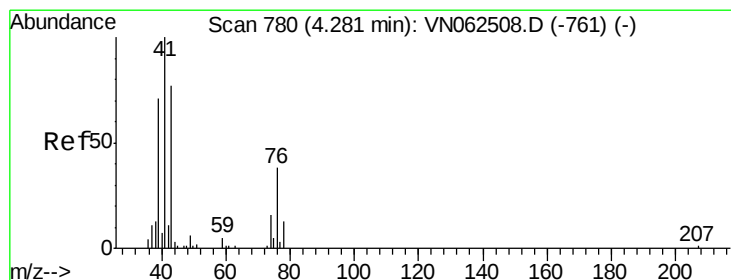
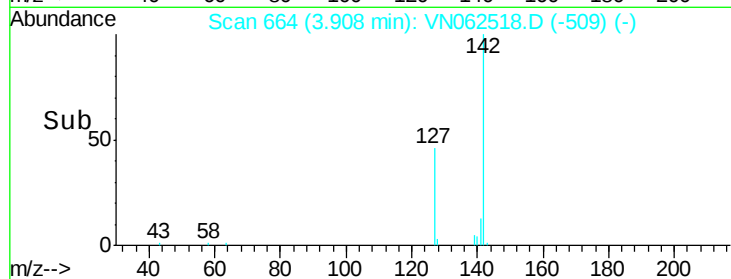
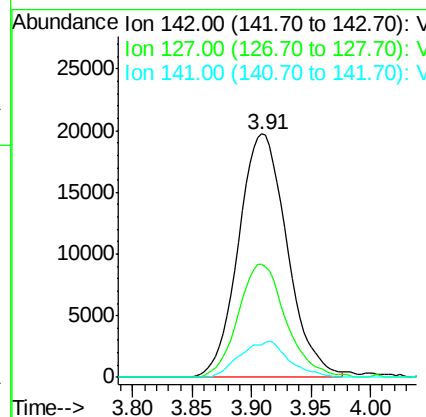
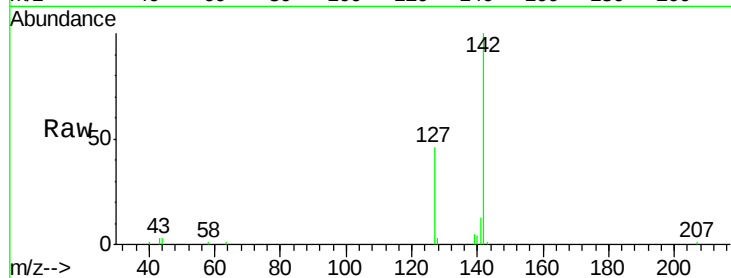
#11
Methvl Iodide
Concen: 18.939 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.2	22.1	66.5
141	13.6	6.5	19.4

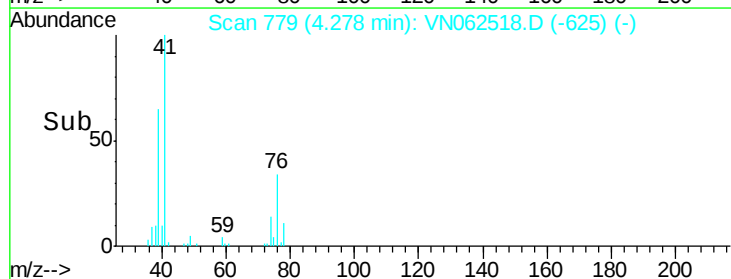
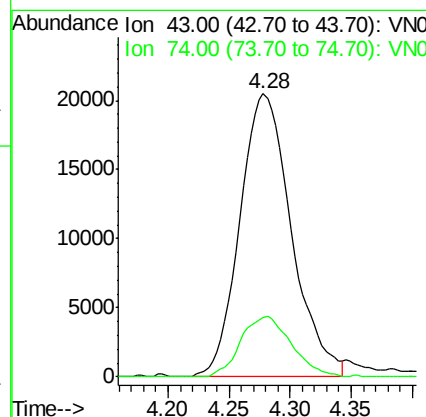
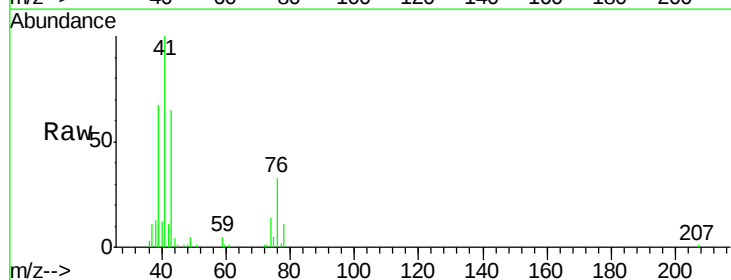
Manual Integrations
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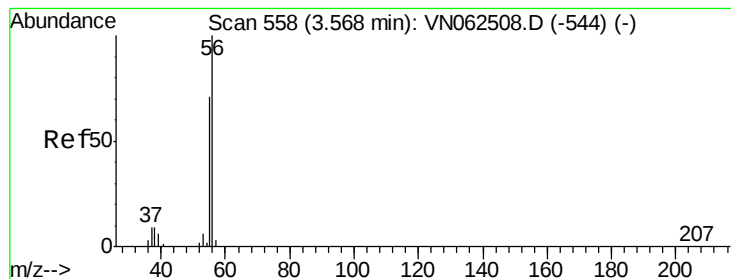
MMDadoda
7/14/2020 11:37:00 AM



#12
Methyl Acetate
Concen: 18.567 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.7	25.1





#13

Acrolein

Concen: 89.526 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 43323

Ion Ratio Lower Upper

56 100

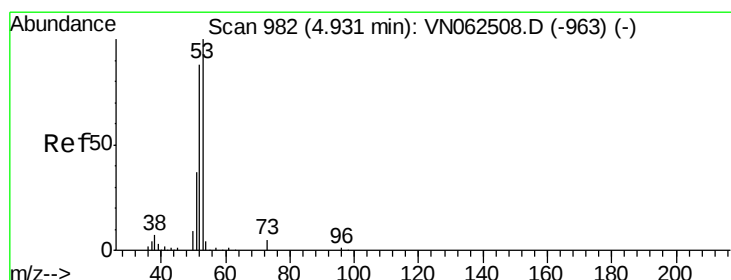
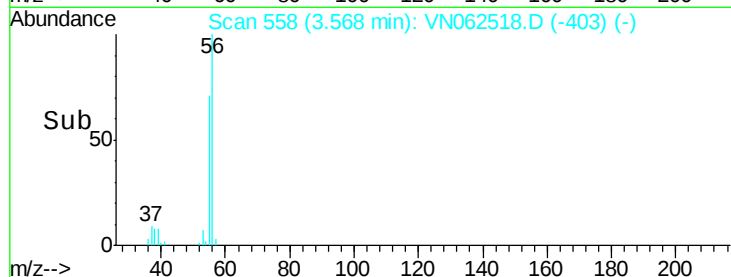
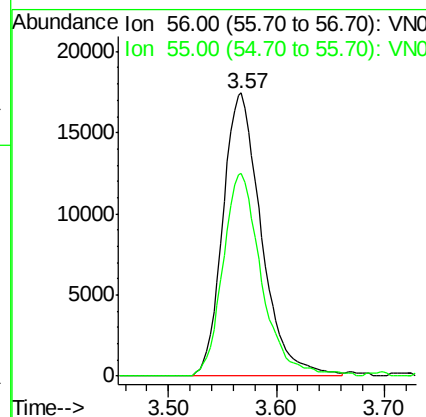
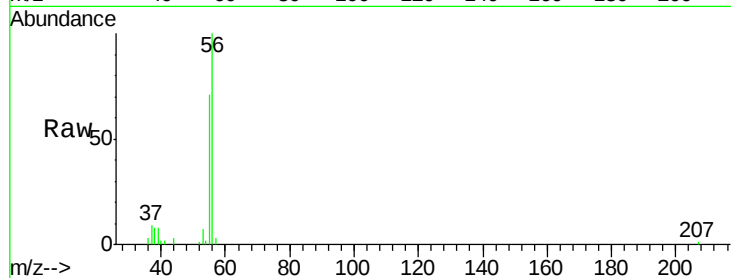
55 70.8 56.0 84.0

Manual Integrations

APPROVED

MMDadoda

7/14/2020 11:37:00 AM



#14

Acrylonitrile

Concen: 92.649 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

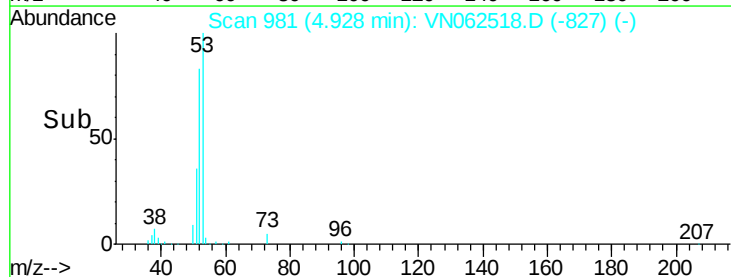
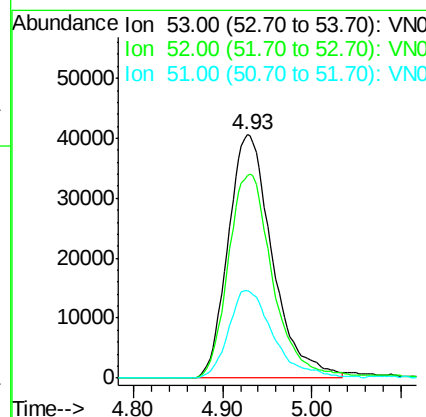
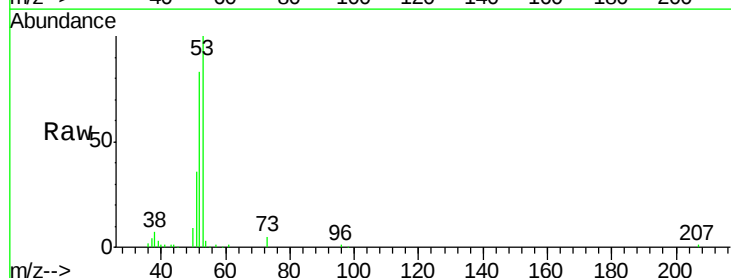
Tgt Ion: 53 Resp: 139560

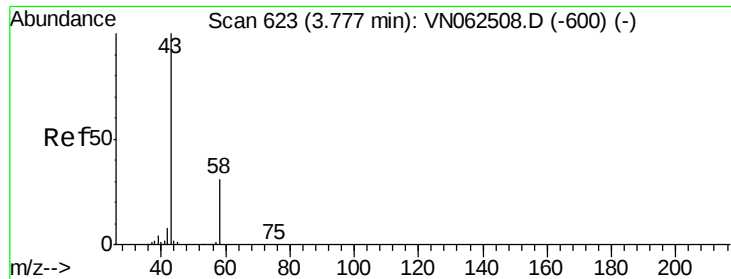
Ion Ratio Lower Upper

53 100

52 84.3 41.8 125.4

51 35.5 18.5 55.5





#15

Acetone

Concen: 77.652 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 35907

Ion Ratio Lower Upper

58 100

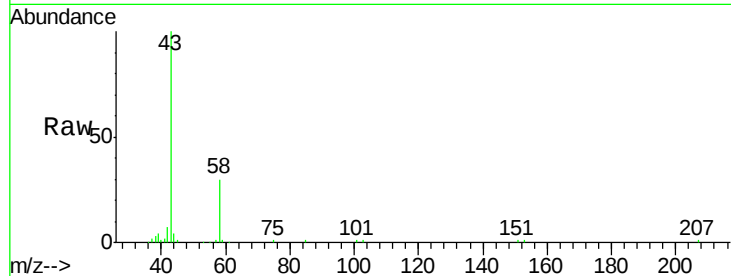
43 328.8 261.1 391.7

Manual Integrations

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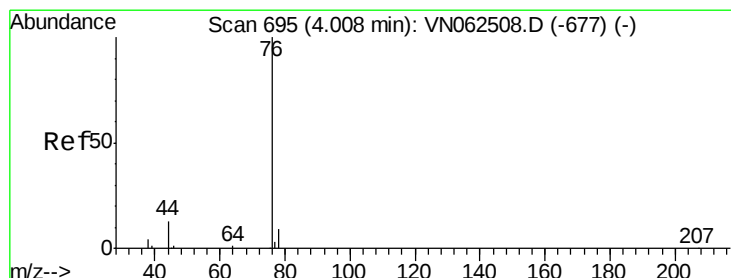
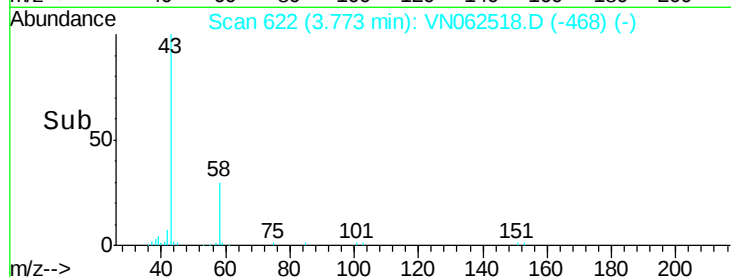
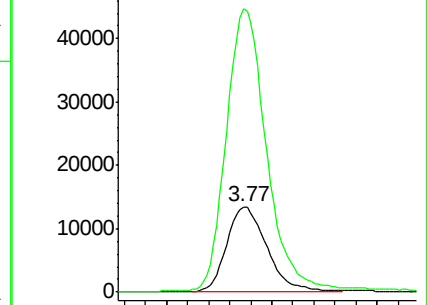
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.260 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062518.D

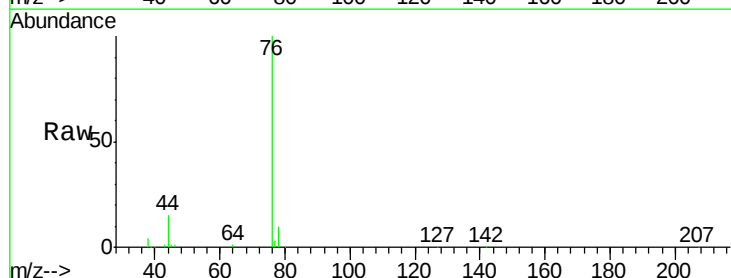
Acq: 13 Jul 2020 16:13

Tgt Ion: 76 Resp: 151574

Ion Ratio Lower Upper

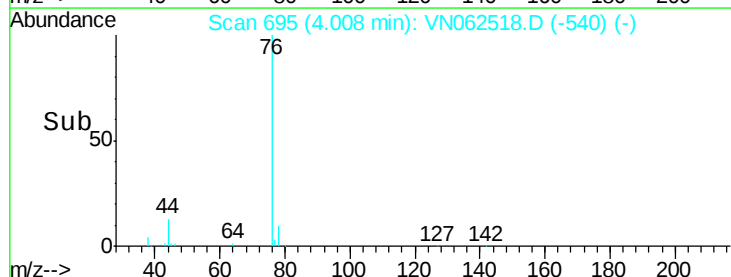
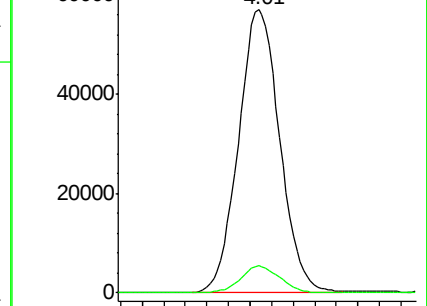
76 100

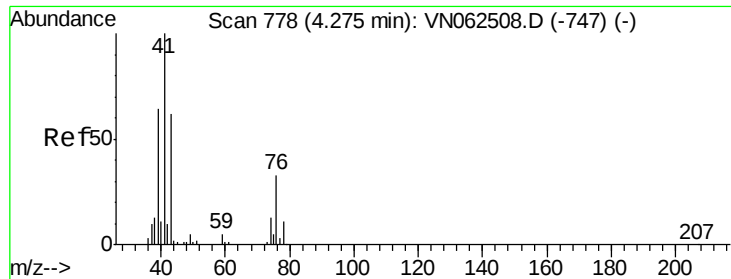
78 9.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





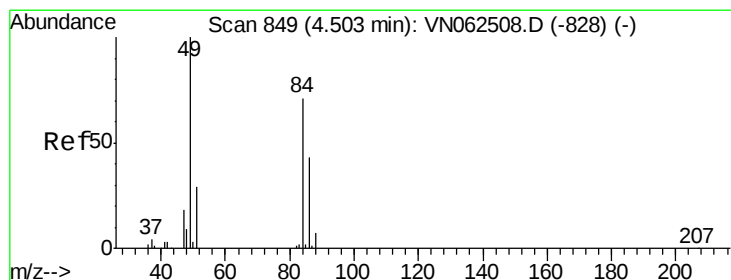
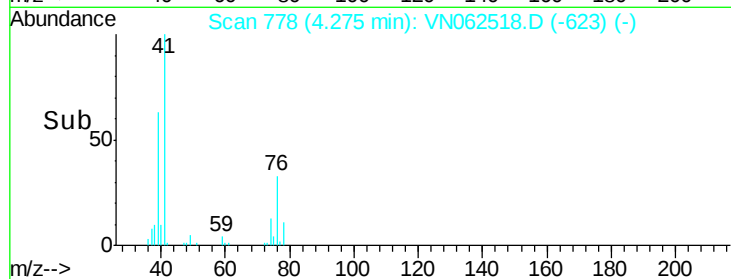
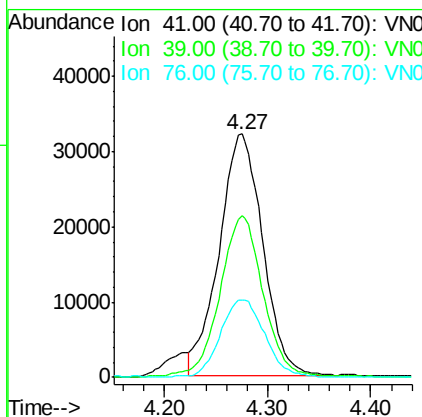
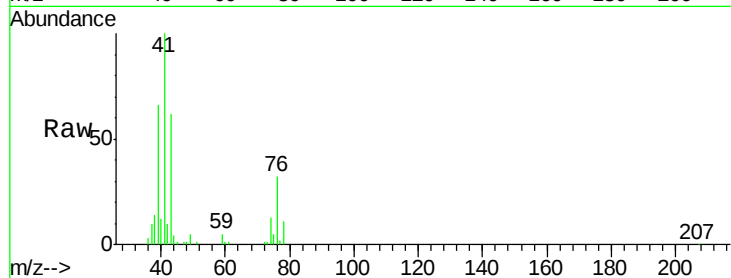
#17
Allvl chloride
Concen: 18.257 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	41.00	Resp:	93772
Ion	Ratio	Lower	Upper
41	100		
39	66.3	31.9	95.5
76	32.1	16.6	49.8

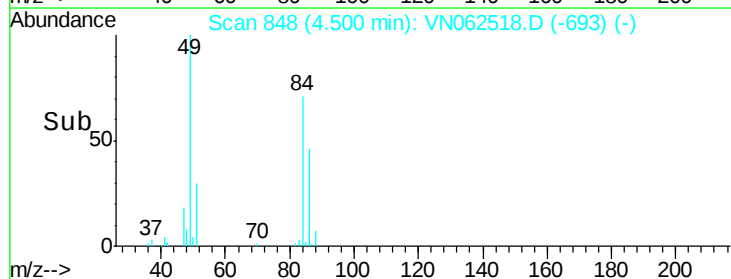
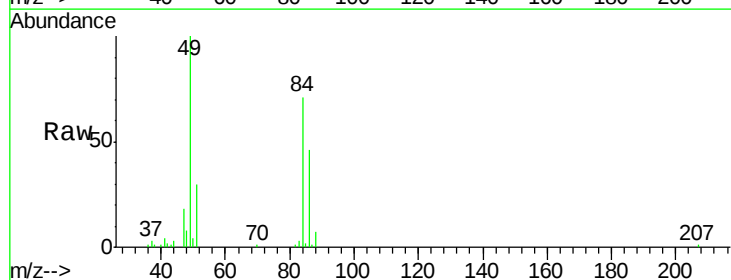
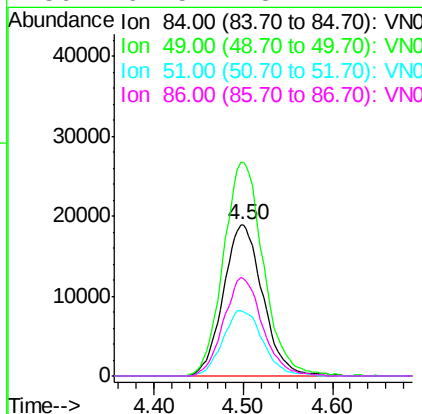
Manual Integrations
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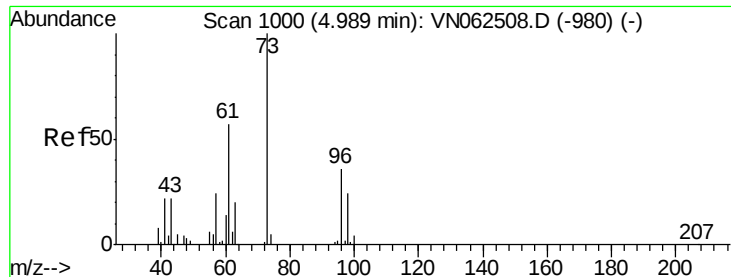
MMDadoda
7/14/2020 11:37:00 AM



#18
Methylene Chloride
Concen: 19.550 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	84.00	Resp:	58095
Ion	Ratio	Lower	Upper
84	100		
49	139.8	112.1	168.1
51	42.3	33.0	49.4
86	64.5	48.2	72.4





#19

trans-1,2-Dichloroethene

Concen: 19.429 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 96 Resp: 51933

Ion Ratio Lower Upper

96 100

61 164.7 125.7 188.5

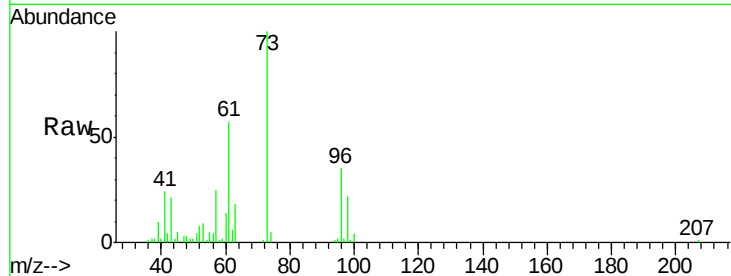
98 64.0 54.1 81.1

Manual Integrations

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MMDadoda

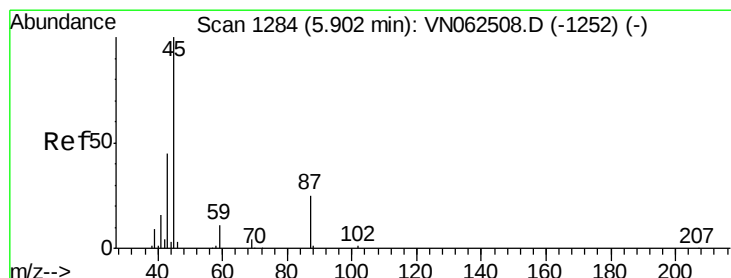
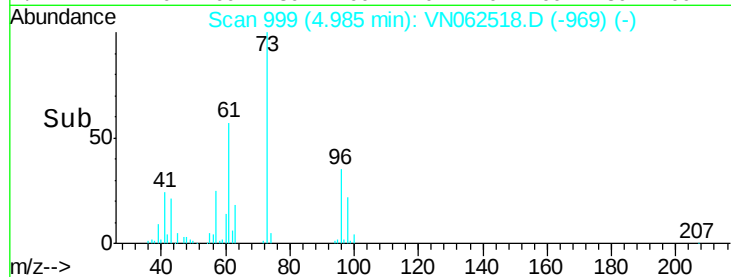
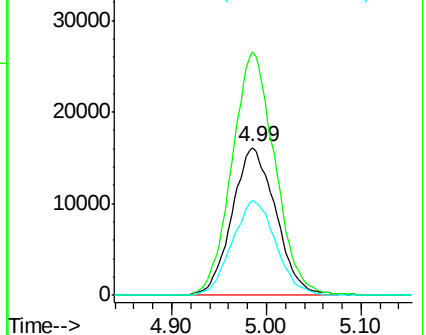
7/14/2020 11:37:00 AM



Abundance Ion 96.00 (95.70 to 96.70): VN062518.D (-969) (-)

Ion 61.00 (60.70 to 61.70): VN062518.D (-969) (-)

Ion 98.00 (97.70 to 98.70): VN062518.D (-969) (-)



#20

Diisopropyl ether

Concen: 19.837 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Tgt Ion: 45 Resp: 209445

Ion Ratio Lower Upper

45 100

43 62.8 51.3 76.9

87 24.0 19.8 29.6

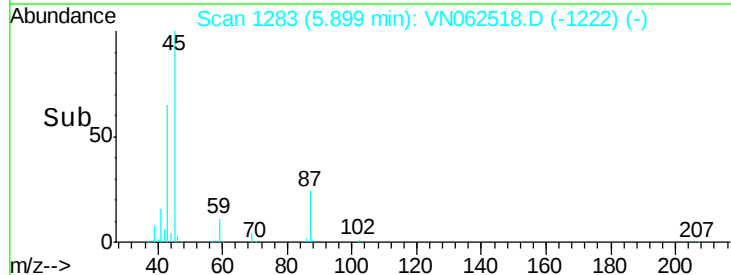
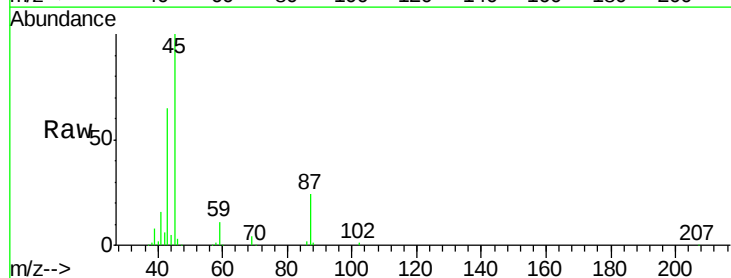
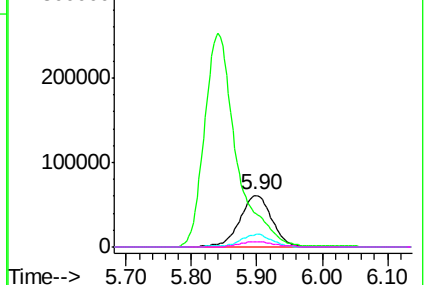
59 11.0 8.8 13.2

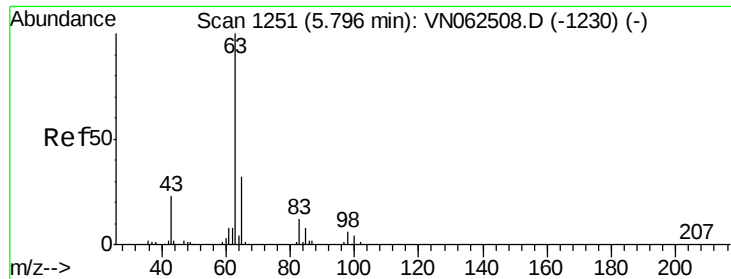
Abundance Ion 45.00 (44.70 to 45.70): VN062518.D (-1222) (-)

Ion 43.00 (42.70 to 43.70): VN062518.D (-1222) (-)

Ion 87.00 (86.70 to 87.70): VN062518.D (-1222) (-)

Ion 59.00 (58.70 to 59.70): VN062518.D (-1222) (-)





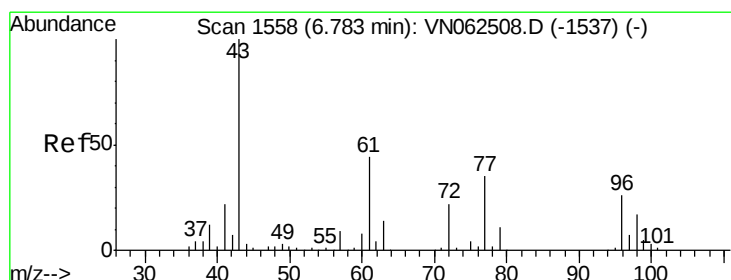
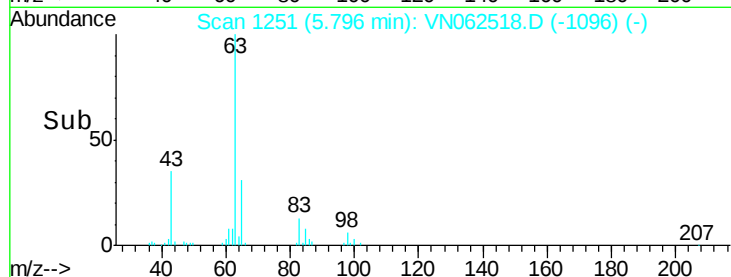
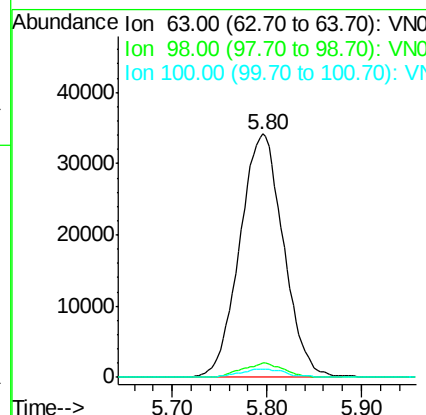
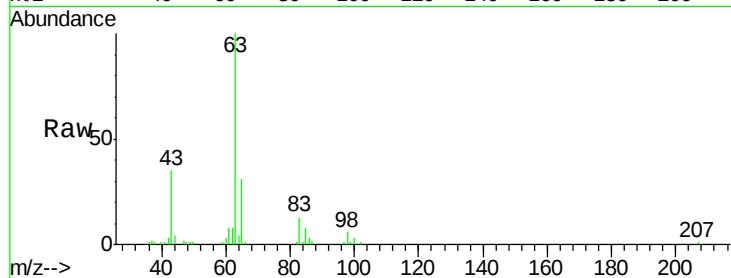
#21
 1,1-Dichloroethane
 Concen: 19.604 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.1	2.8	8.4
100	3.3	2.0	5.8

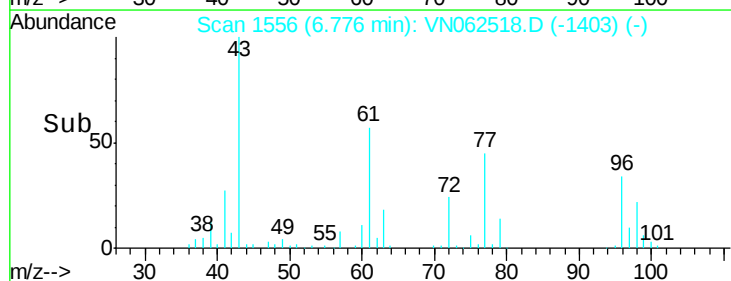
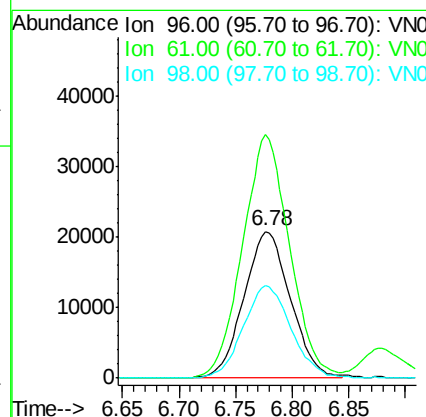
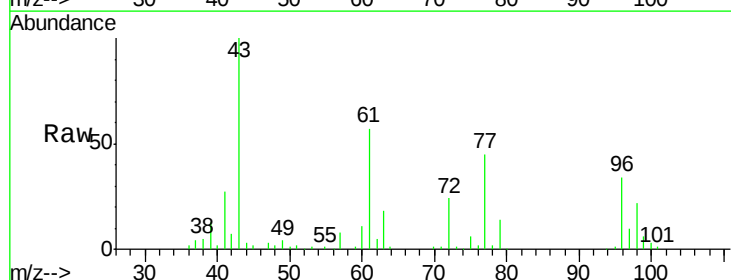
Manual Integrations
 APPROVED

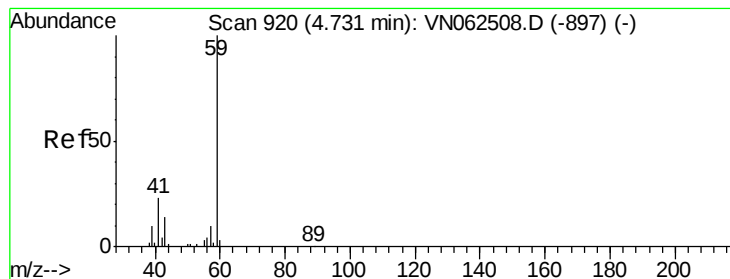
MMDadoda
 7/14/2020 11:37:00 AM



#22
 cis-1,2-Dichloroethene
 Concen: 19.739 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	167.0	134.9	202.3
98	64.7	51.5	77.3





#23

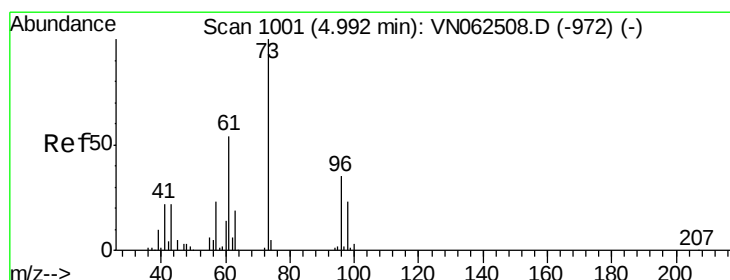
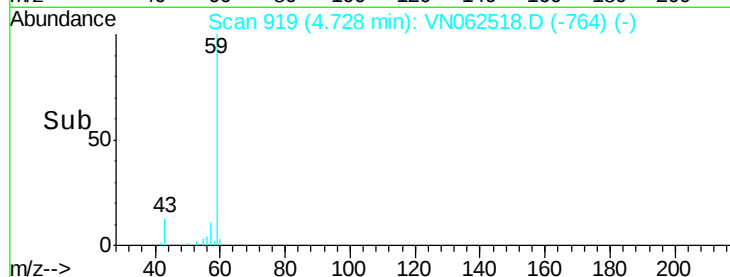
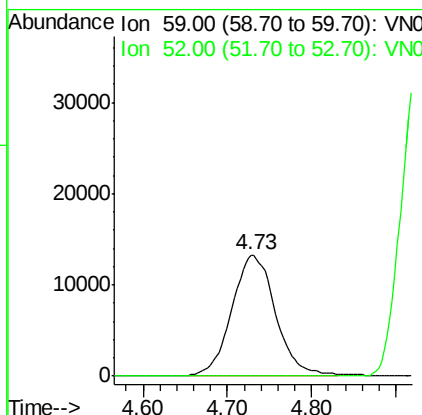
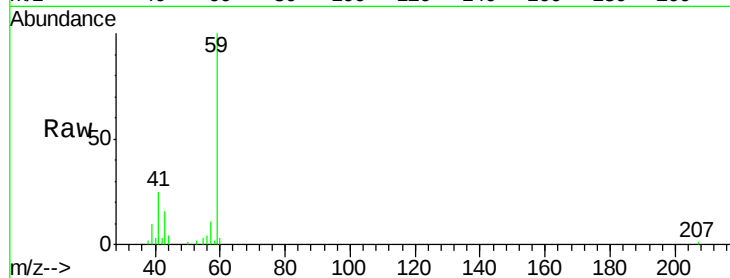
tert-Butyl Alcohol
 Concen: 95.153 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	59	Resp	47968
Ion Ratio	100	Lower	Upper
52	0.0	0.0	0.0

Manual Integrations
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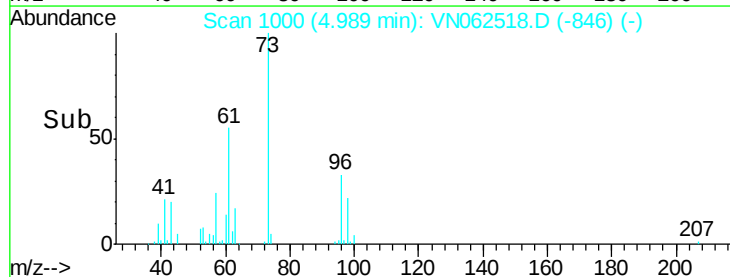
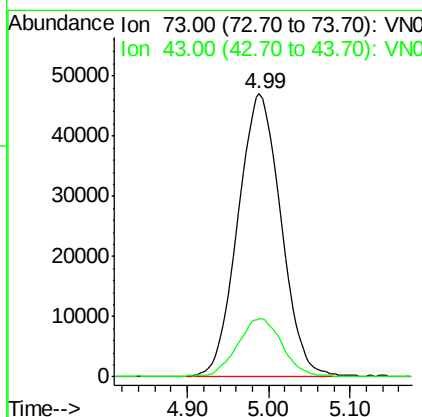
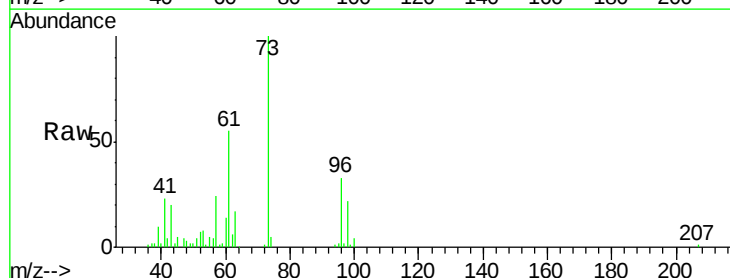
MMDadoda
 7/14/2020 11:37:00 AM

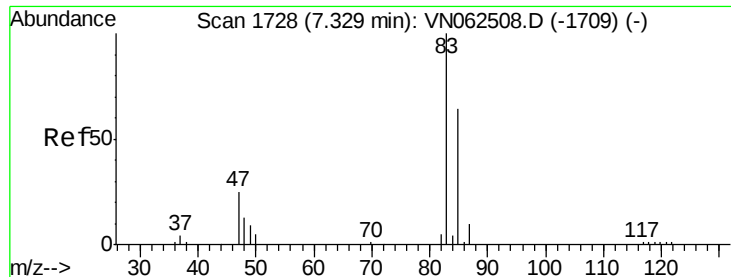


#24

Methyl tert-Butyl Ether
 Concen: 19.368 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	73	Resp	172444
Ion Ratio	100	Lower	Upper
43	21.4	16.9	25.3





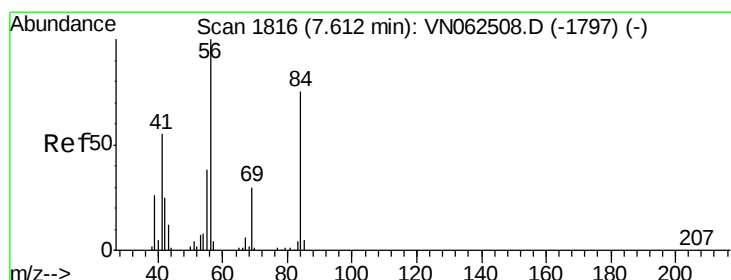
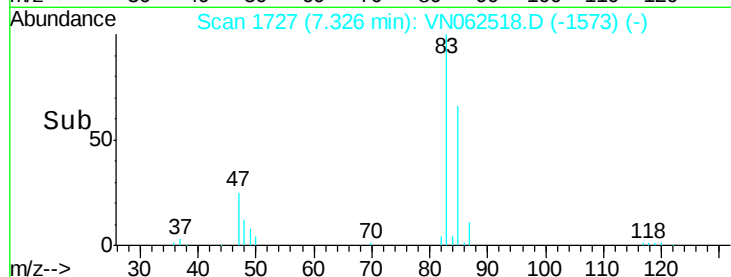
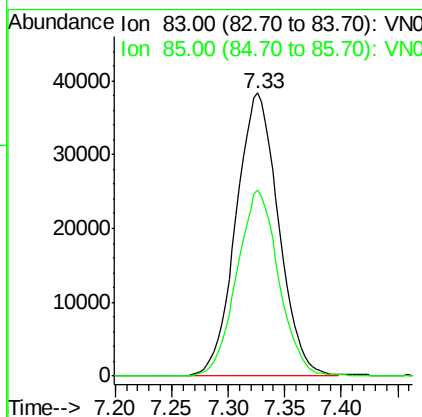
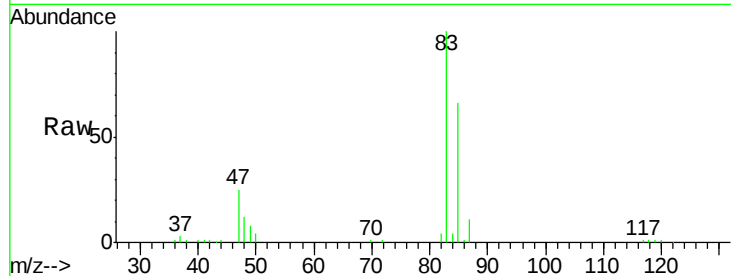
#25
Chloroform
Concen: 19.588 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	100274
Ion Ratio	100	Lower	Upper
83	100		
85	65.6	51.0	76.4

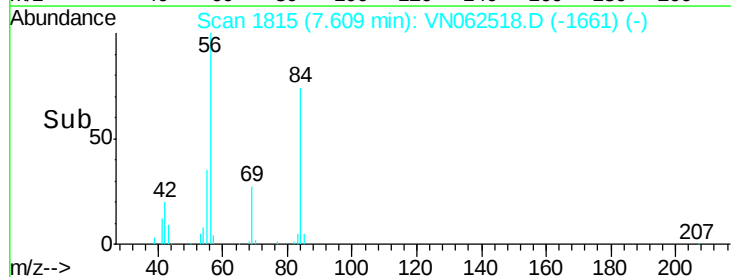
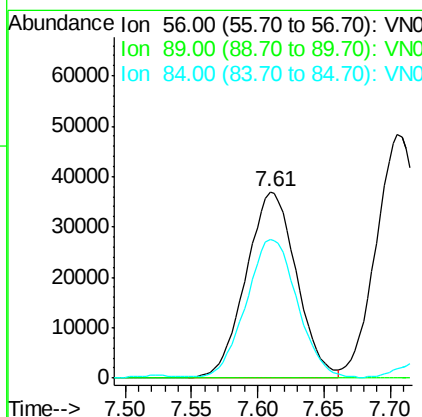
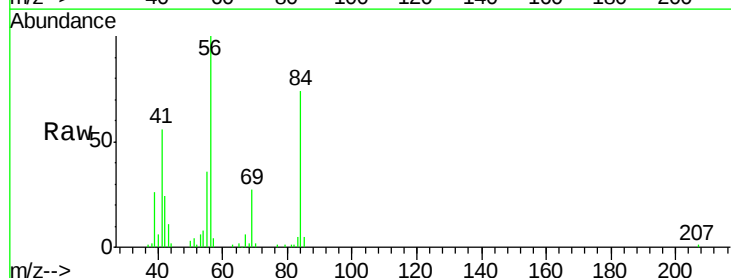
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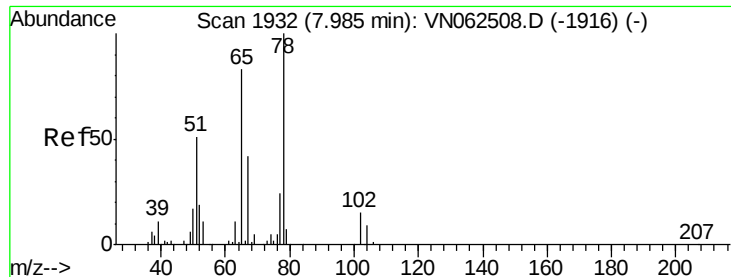
MMDadoda
7/14/2020 11:37:00 AM



#26
Cyclohexane
Concen: 19.864 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	56	Resp	97732
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	74.9	61.1	91.7





#27

1,2-Dichloroethane-d4

Concen: 28.553 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 102869

Ion Ratio Lower Upper

65 100

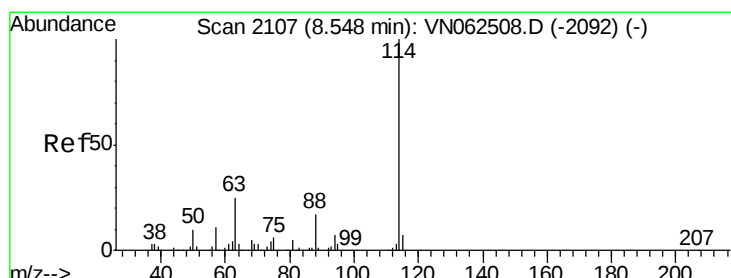
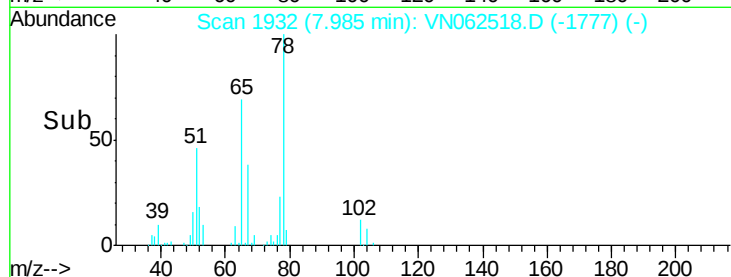
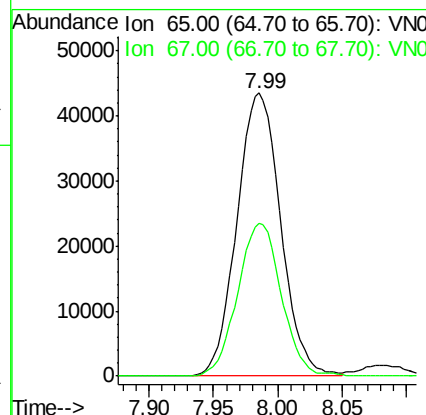
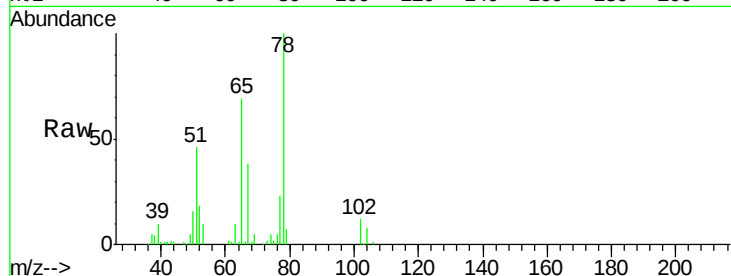
67 53.5 41.7 62.5

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

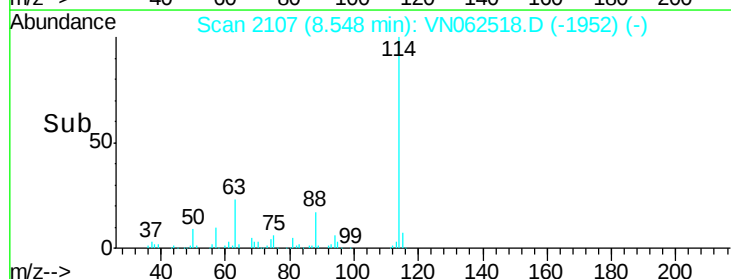
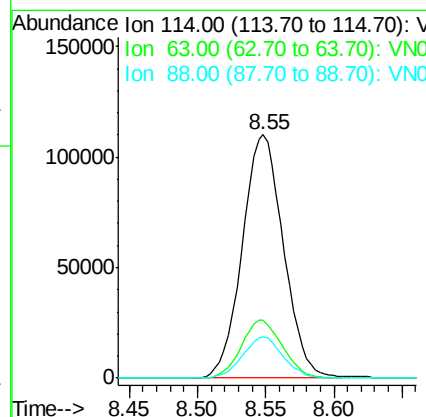
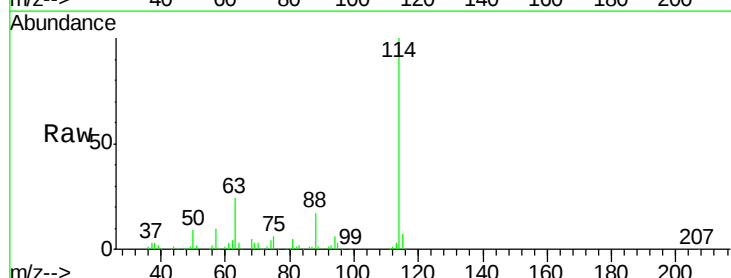
Tgt Ion: 114 Resp: 230544

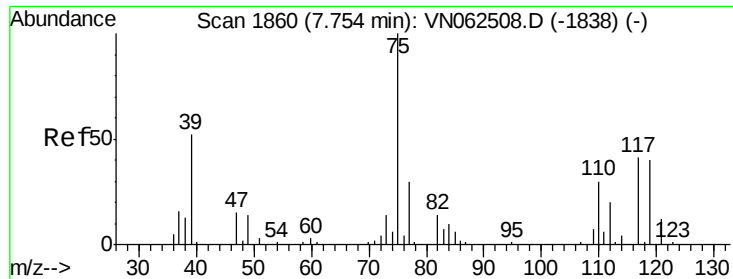
Ion Ratio Lower Upper

114 100

63 23.6 19.4 29.0

88 16.6 13.5 20.3





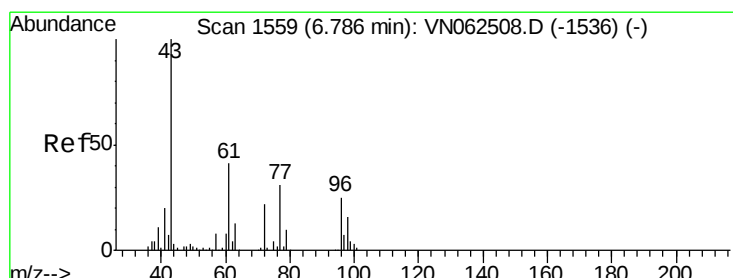
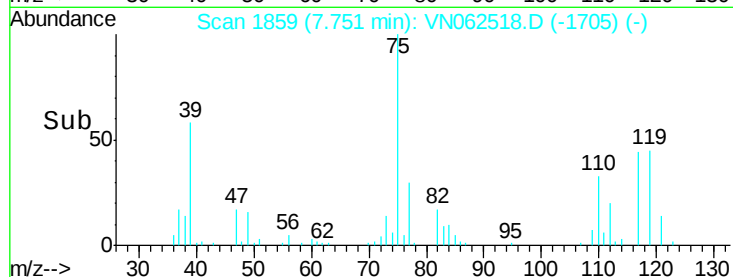
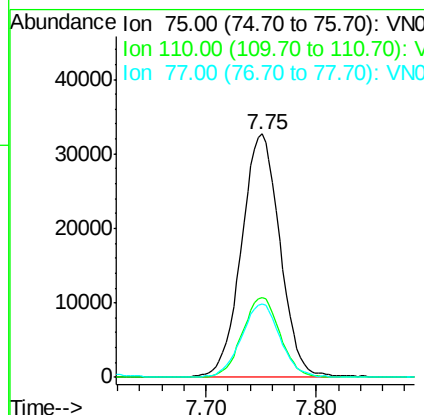
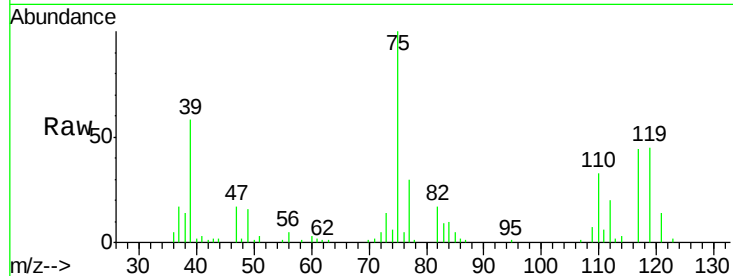
#29
 1,1-Dichloropropene
 Concen: 20.229 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.0	0.0	62.4
77	30.5	0.0	62.8

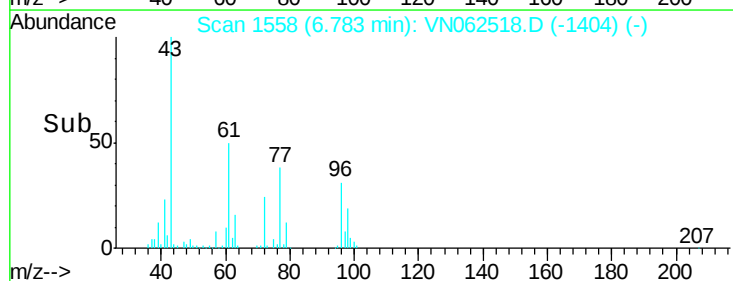
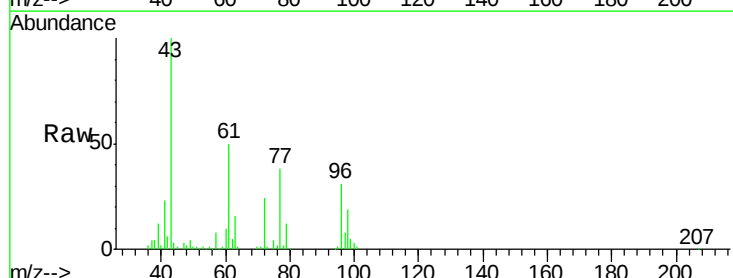
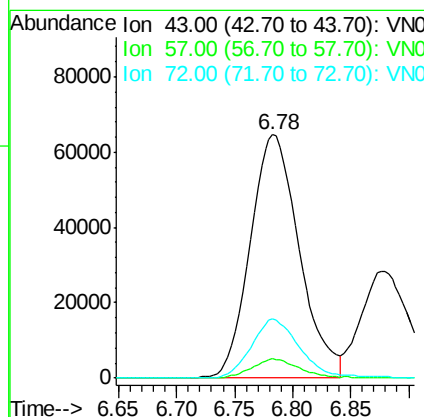
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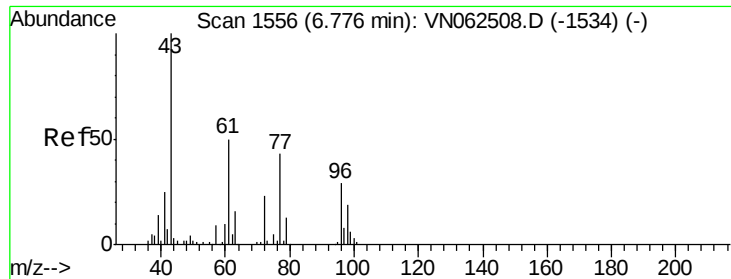
MMDadoda
 7/14/2020 11:37:00 AM



#30
 2-Butanone
 Concen: 91.047 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.6	9.8
72	24.0	18.5	27.7





#31

2,2-Dichloropropane

Concen: 19.643 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 86615

Ion Ratio Lower Upper

77 100

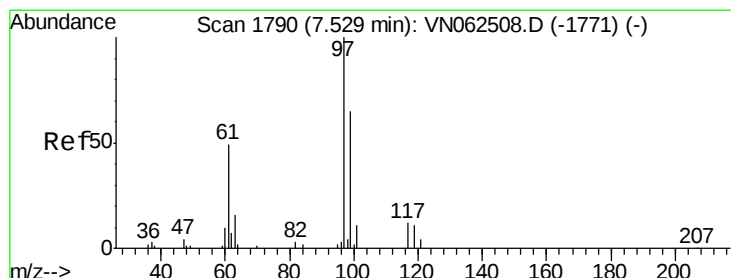
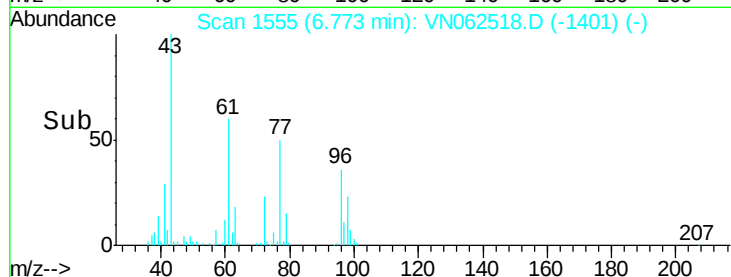
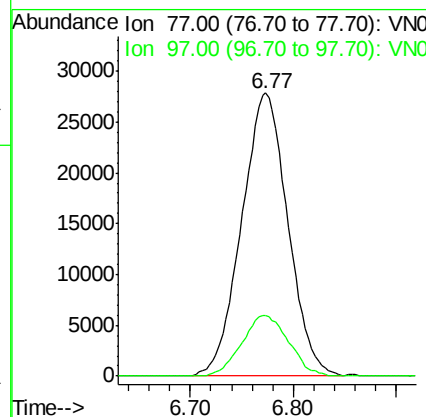
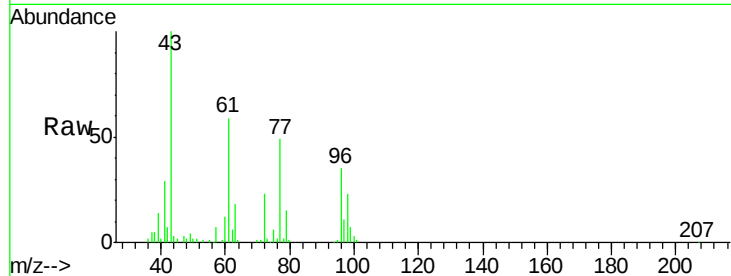
97 21.8 8.6 12.8#

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#32

1,1,1-Trichloroethane

Concen: 20.169 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

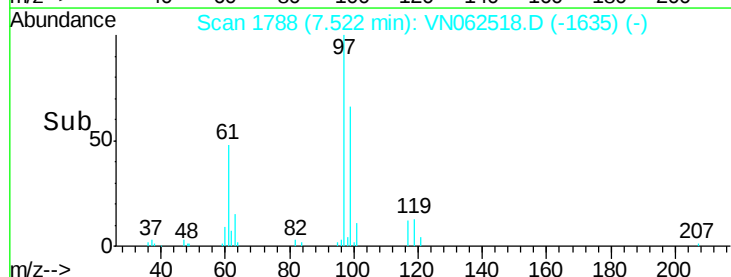
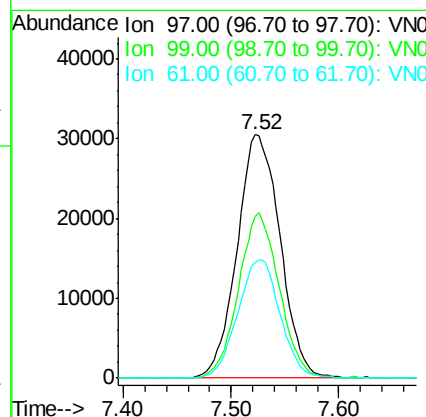
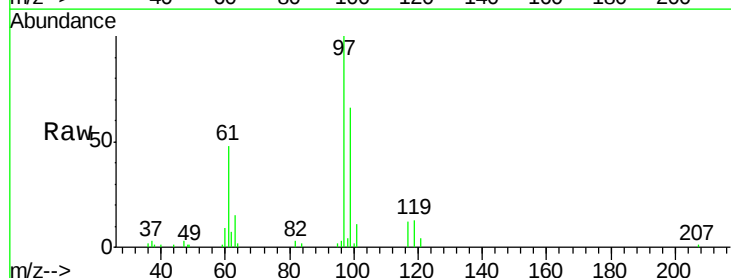
Tgt Ion: 97 Resp: 84770

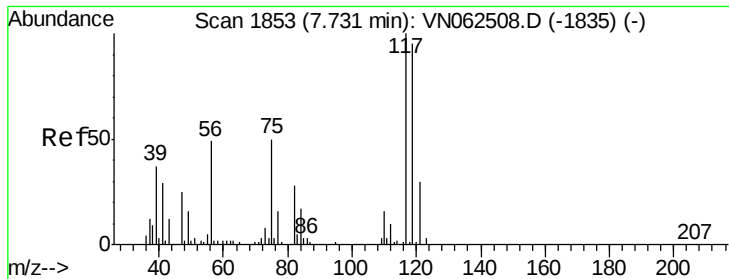
Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.8

61 47.6 39.4 59.0





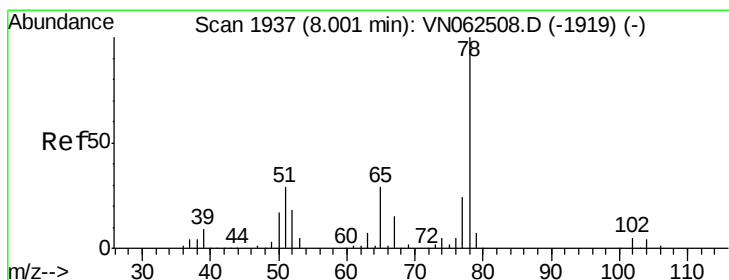
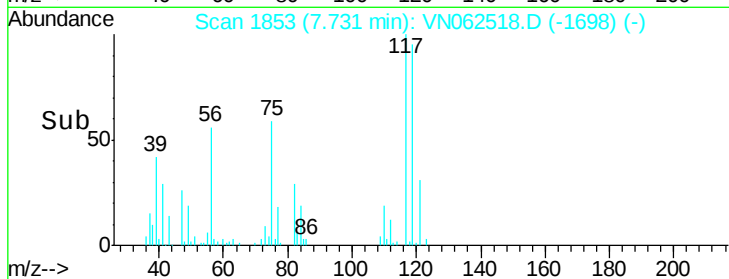
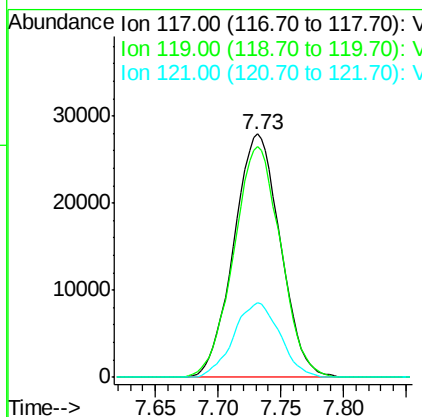
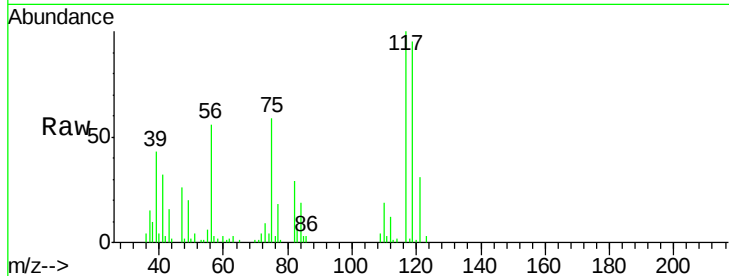
#33
Carbon Tetrachloride
Concen: 19.763 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.2	114.4
121	30.7	23.8	35.6

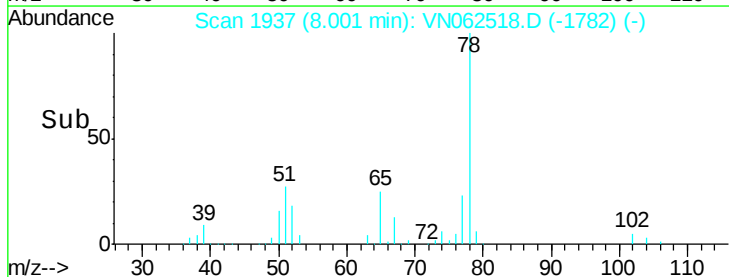
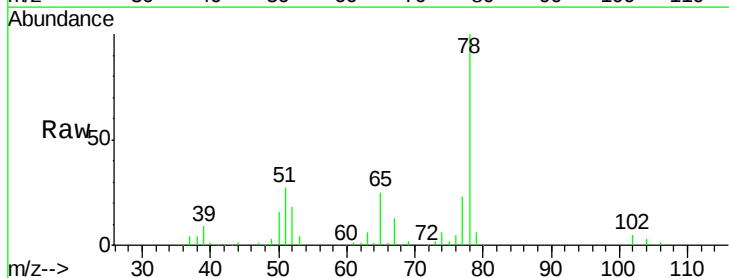
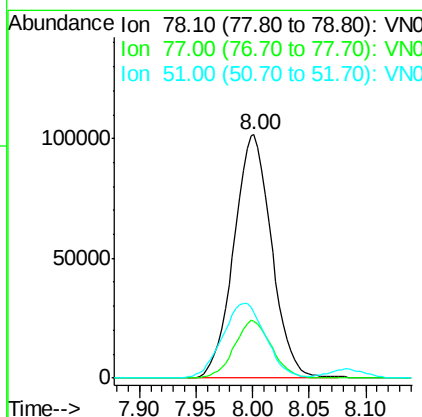
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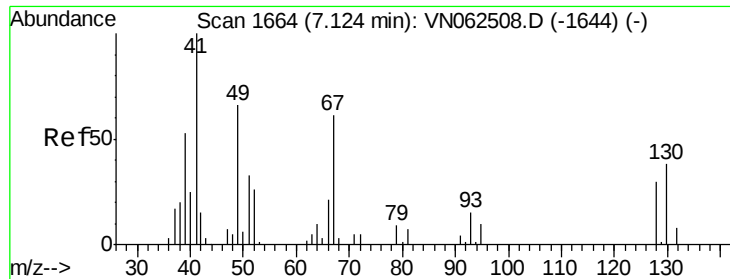
MMDadoda
7/14/2020 11:37:00 AM



#34
Benzene
Concen: 20.324 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3
51	26.2	23.1	34.7





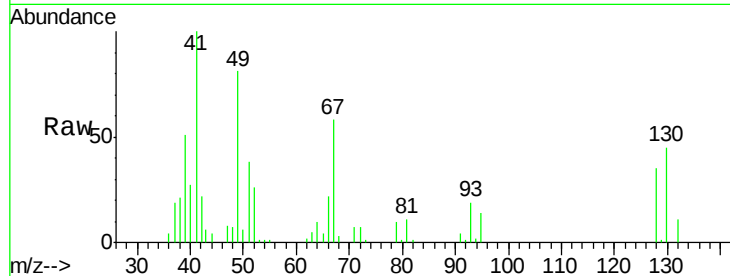
#35
Methacrylonitrile
Concen: 23.260 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

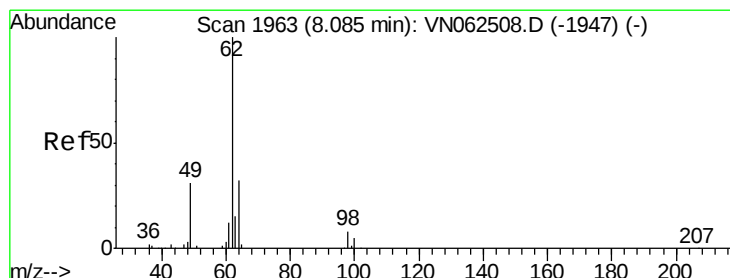
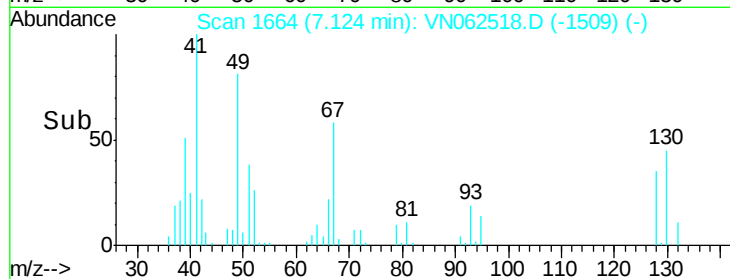
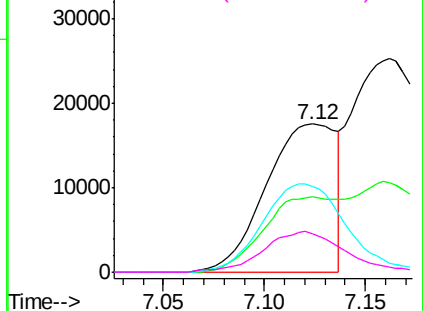
Tot Ion	41	Resp	42375
Ion Ratio	Lower	Upper	
41	100		
39	50.6	26.5	79.5
67	58.1	30.7	92.1
52	26.3	13.0	39.0

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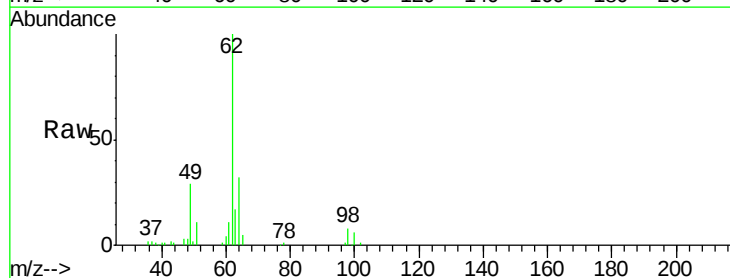


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

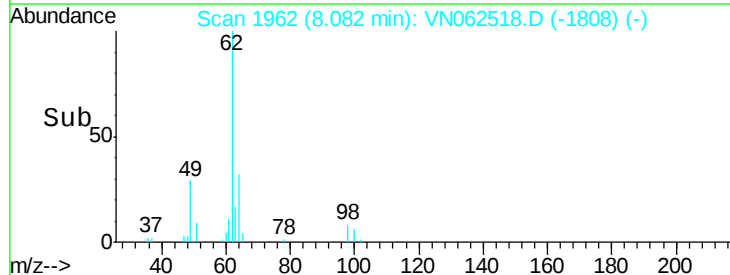
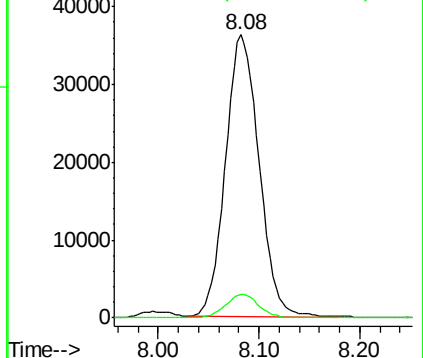


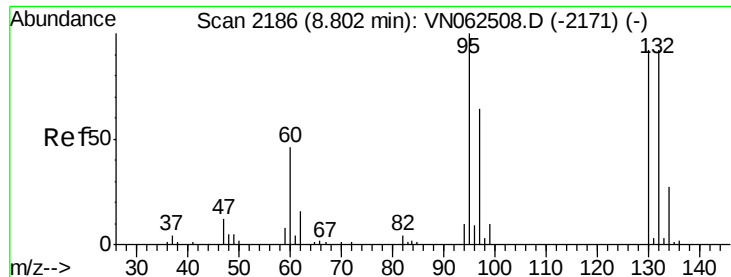
#36
1,2-Dichloroethane
Concen: 20.238 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	62	Resp	84510
Ion Ratio	Lower	Upper	
62	100		
98	8.1	6.6	9.8



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





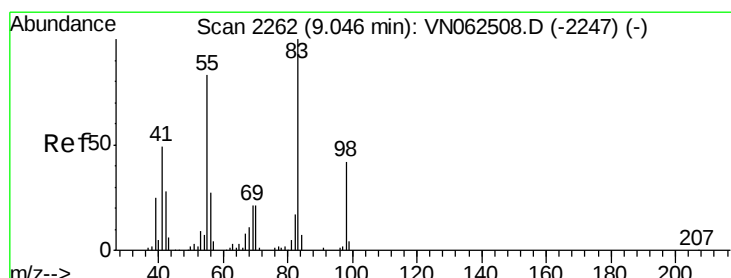
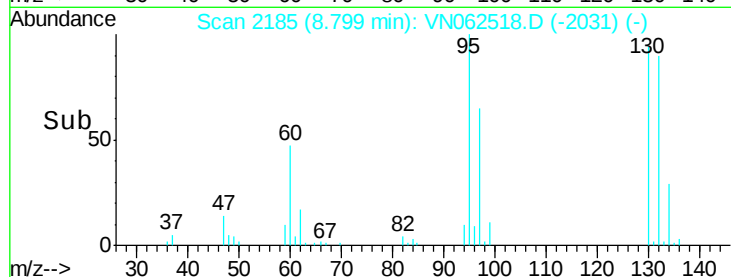
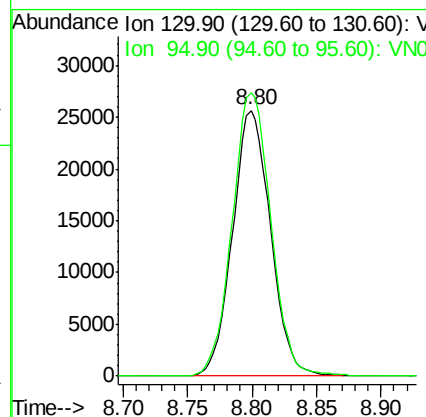
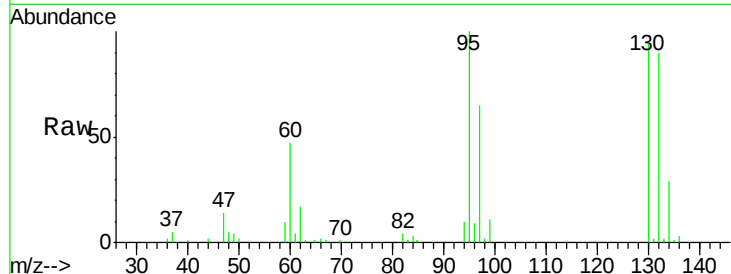
#37
 Trichloroethene
 Concen: 20.141 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 52560
 Ion Ratio Lower Upper
 130 100
 95 106.5 86.5 129.7

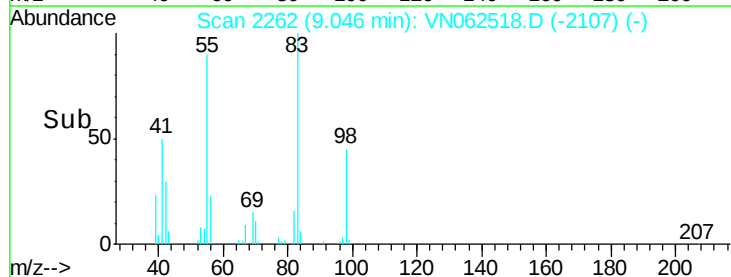
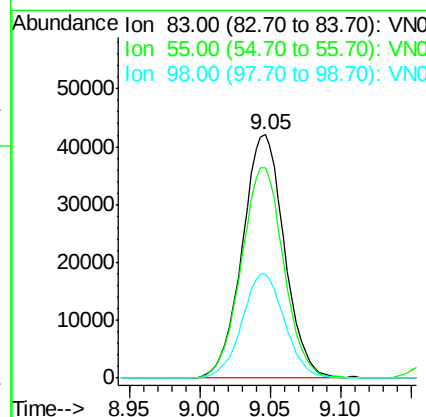
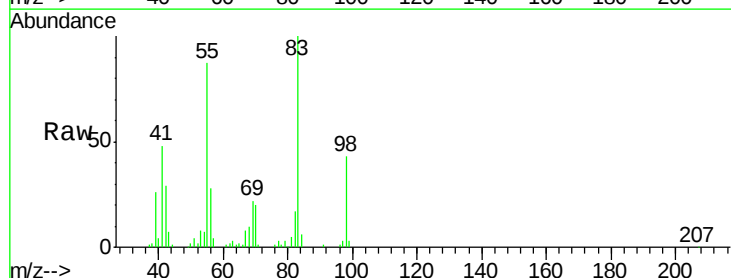
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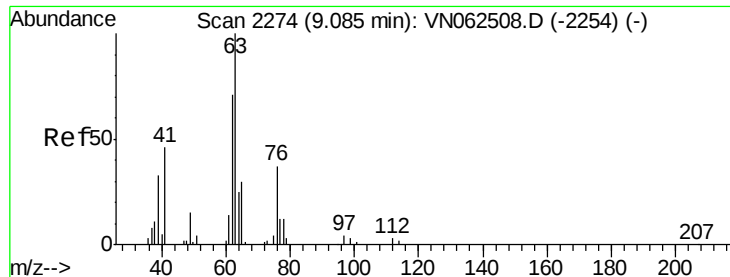
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#38
 Methylcyclohexane
 Concen: 20.004 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion: 83 Resp: 87757
 Ion Ratio Lower Upper
 83 100
 55 87.5 42.8 128.3
 98 43.3 21.9 65.7





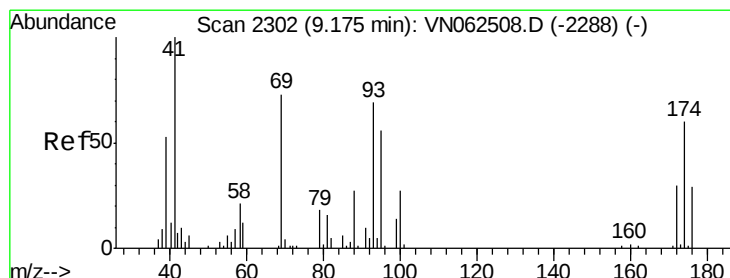
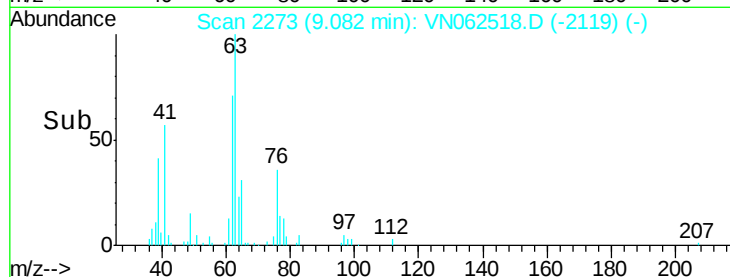
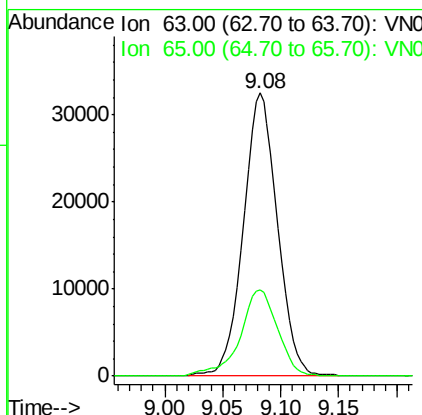
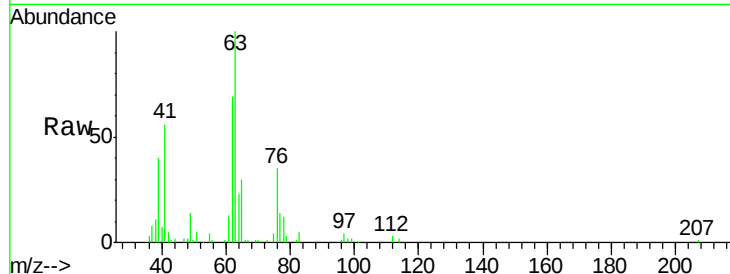
#39
 1,2-Dichloropropane
 Concen: 20.122 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	63	Resp	66602
Ion Ratio	100	Lower	Upper
63	100		
65	30.4	24.2	36.4

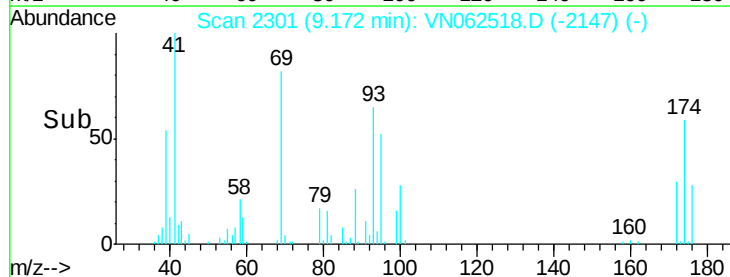
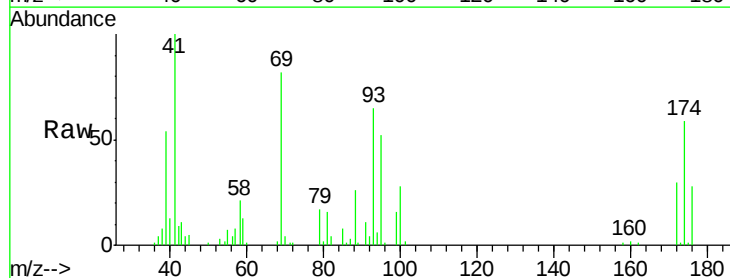
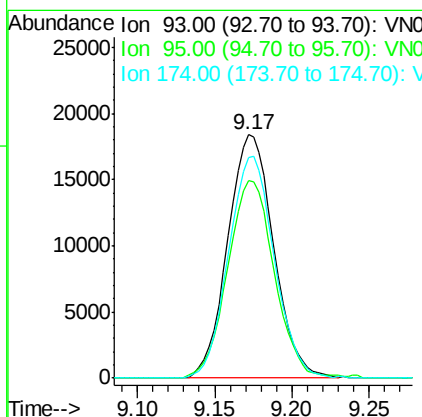
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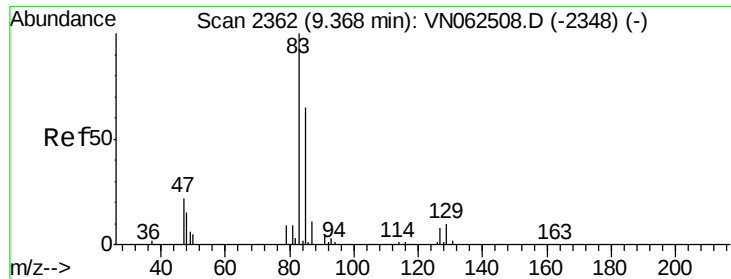
MMDadoda
 7/14/2020 11:37:00 AM



#40
 Dibromomethane
 Concen: 19.903 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	93	Resp	37965
Ion Ratio	100	Lower	Upper
93	100		
95	82.3	0.0	161.2
174	90.8	0.0	178.0





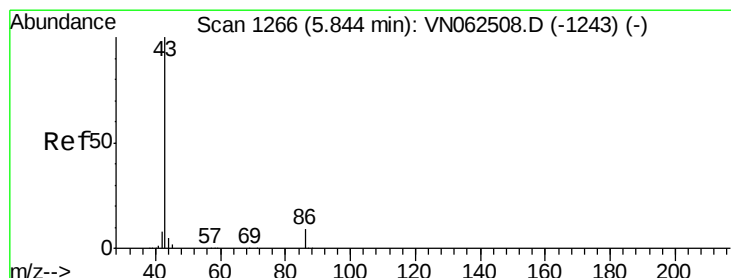
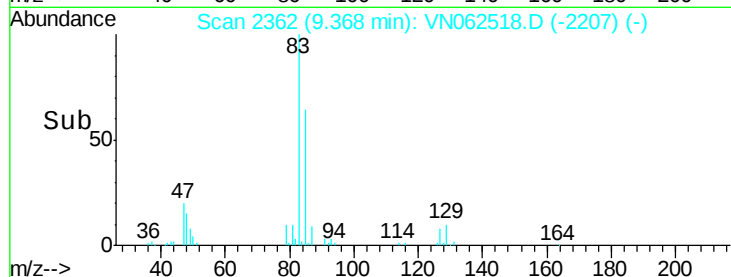
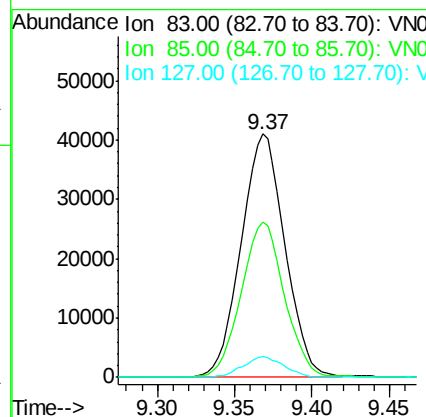
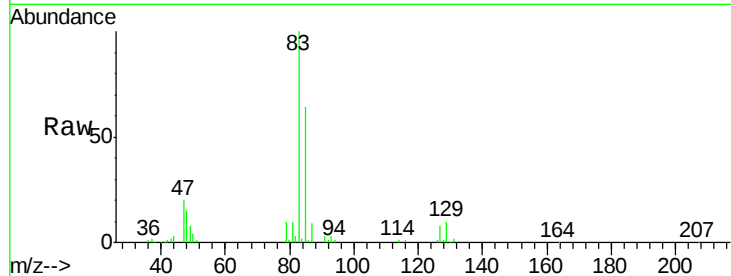
#41
Bromodichloromethane
Concen: 19.955 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	80734
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	51.6	77.4
127	8.4	6.3	9.5

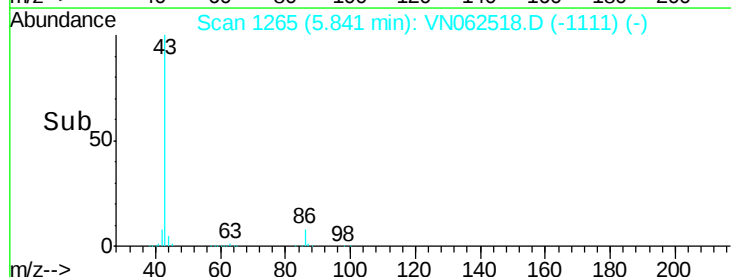
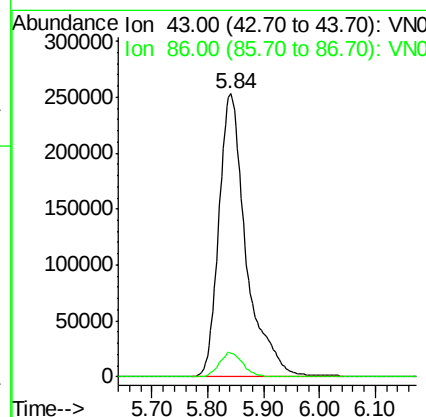
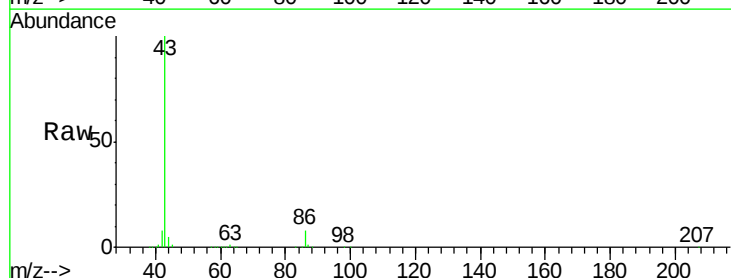
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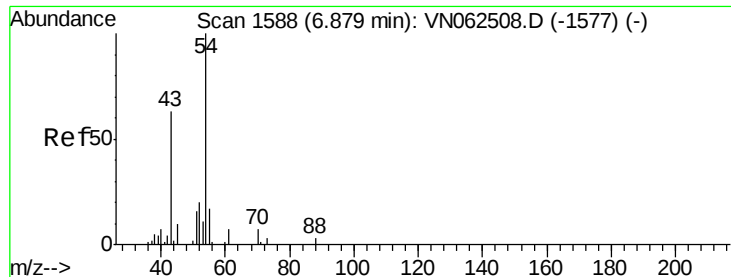
MMDadoda
7/14/2020 11:37:00 AM



#42
Vinyl Acetate
Concen: 100.030 ug/l
RT: 5.84 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	43	Resp	862073
Ion Ratio	100	Lower	Upper
43	100		
86	7.5	6.1	9.1





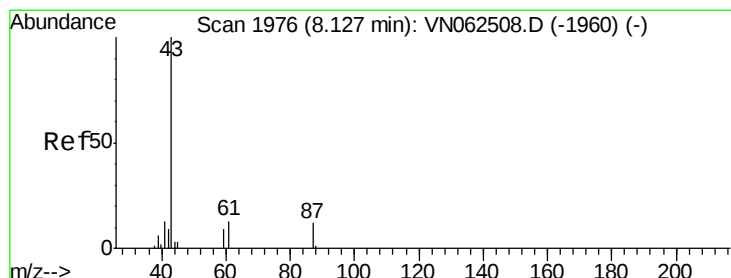
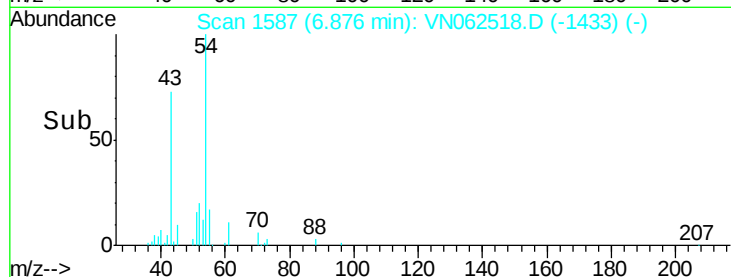
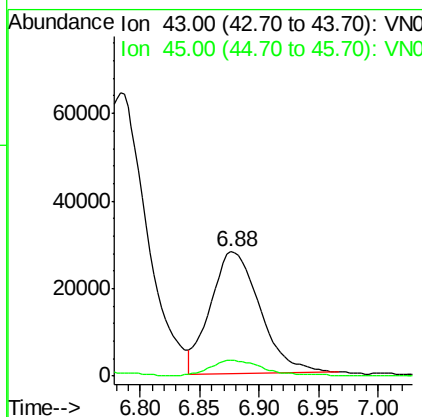
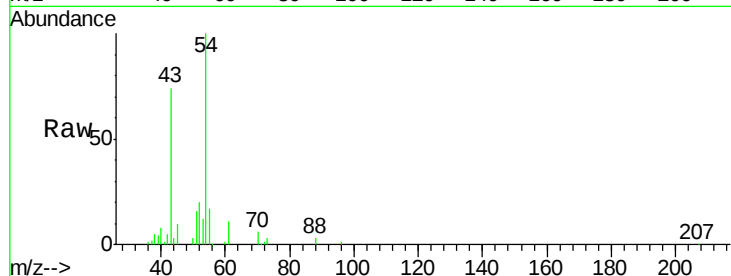
#43
Ethyl Acetate
Concen: 19.283 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 80403
Ion Ratio Lower Upper
43 100
45 12.4 10.2 15.4

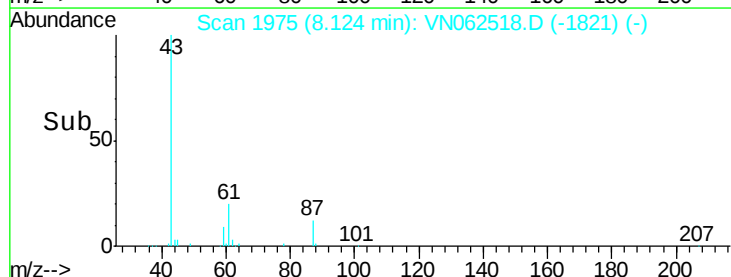
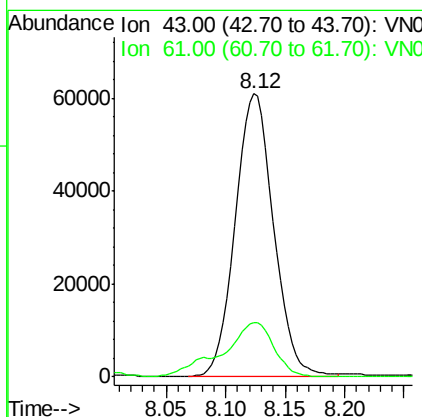
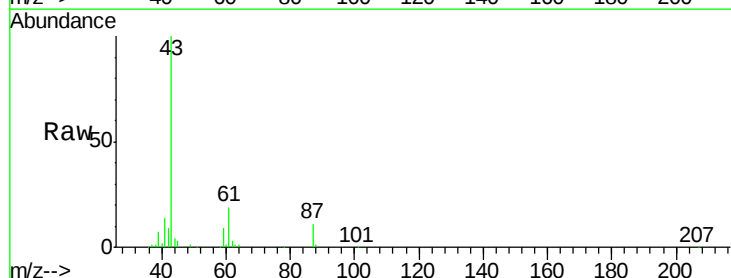
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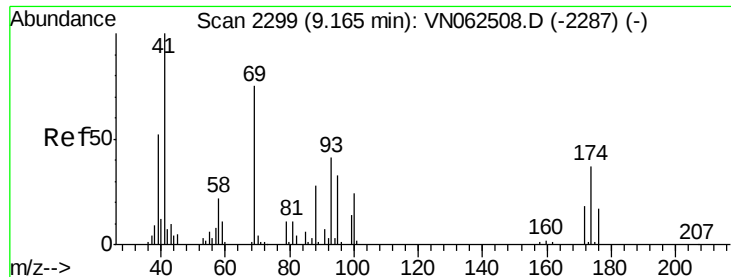
MMDadoda
7/14/2020 11:37:00 AM



#44
Isopropyl Acetate
Concen: 19.567 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion: 43 Resp: 136883
Ion Ratio Lower Upper
43 100
61 19.3 14.7 22.1





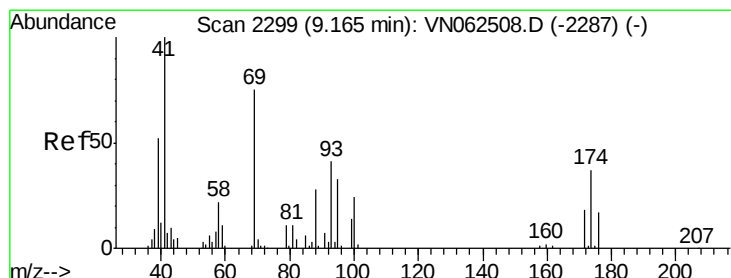
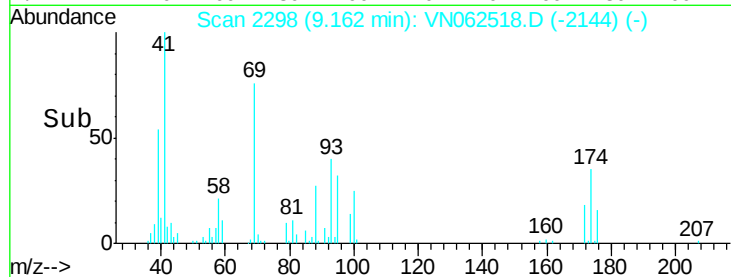
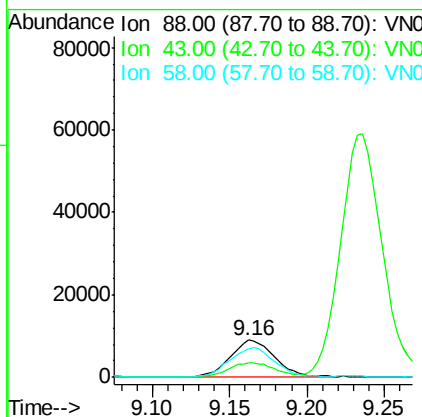
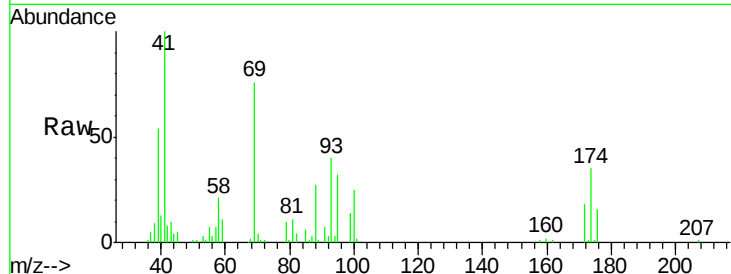
#45
 1,4-Dioxane
 Concen: 380.544 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.2	29.2	43.8
58	81.1	62.2	93.4

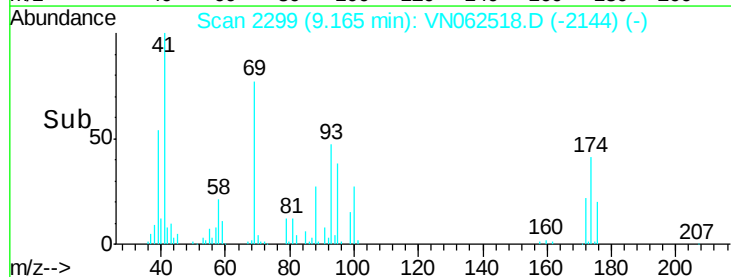
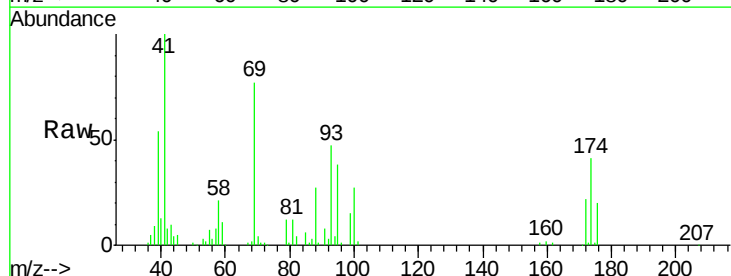
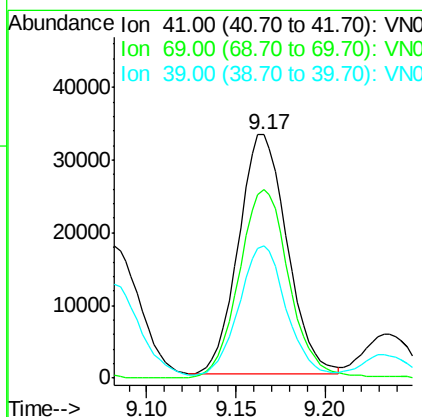
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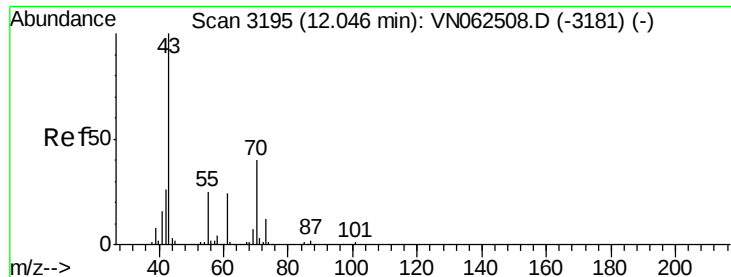
MMDadoda
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#46
 Methyl methacrylate
 Concen: 18.906 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.9	37.4	112.2
39	54.1	25.9	77.6





#47

n-amvl Acetate

Concen: 18.674 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 110119

Ion Ratio Lower Upper

43 100

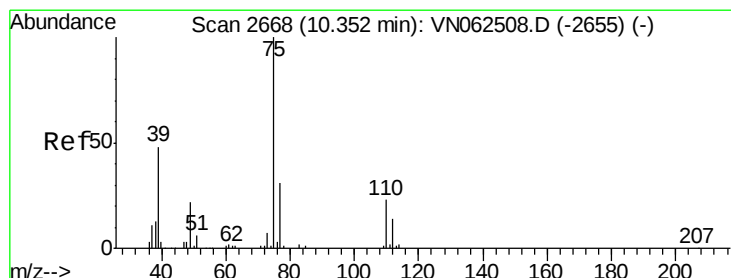
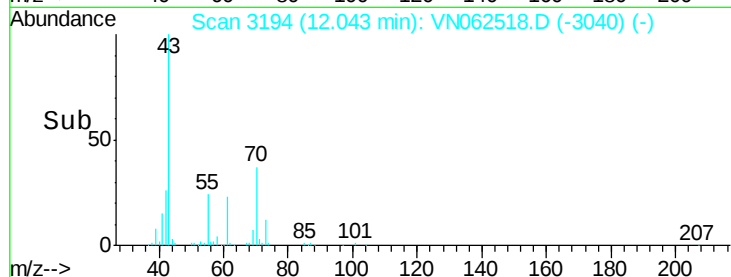
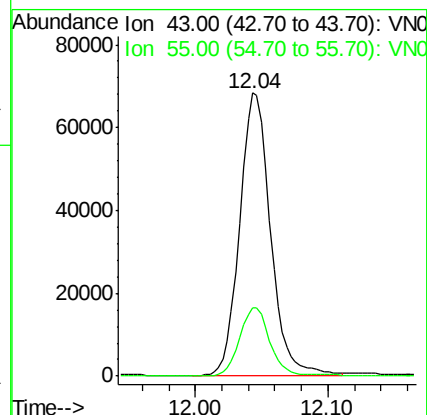
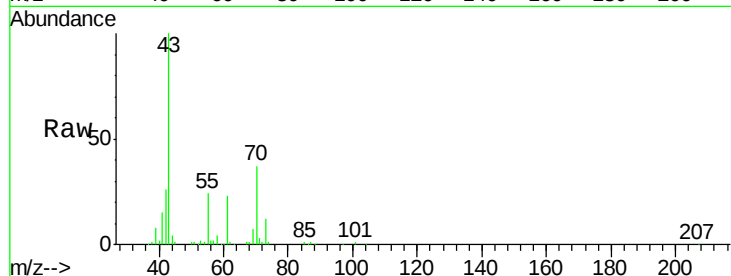
55 24.1 20.4 30.6

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.605 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062518.D

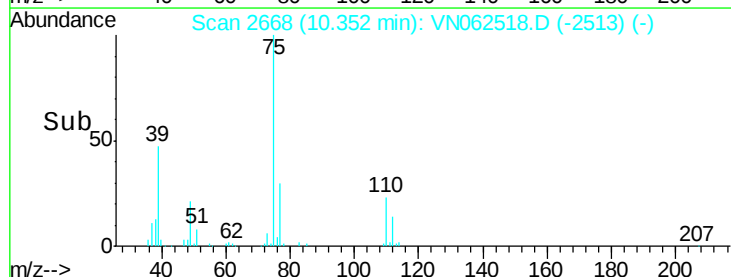
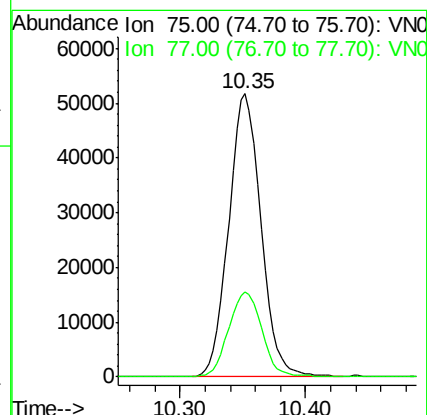
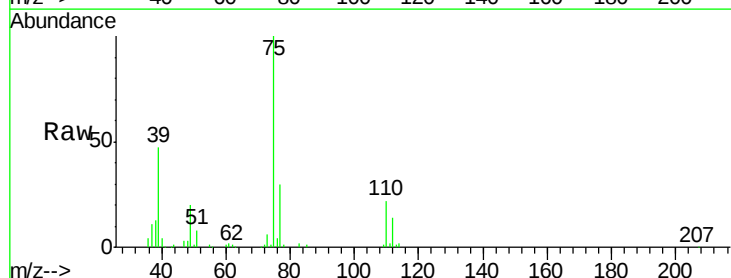
Acq: 13 Jul 2020 16:13

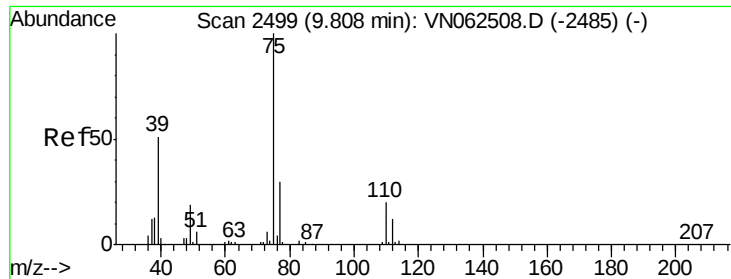
Tgt Ion: 75 Resp: 92516

Ion Ratio Lower Upper

75 100

77 30.0 25.0 37.4





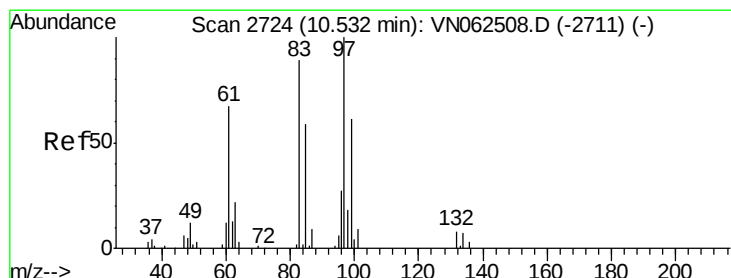
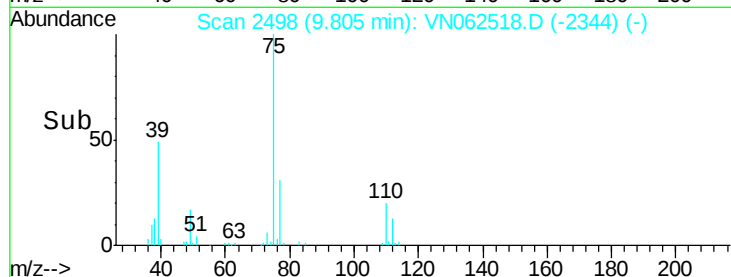
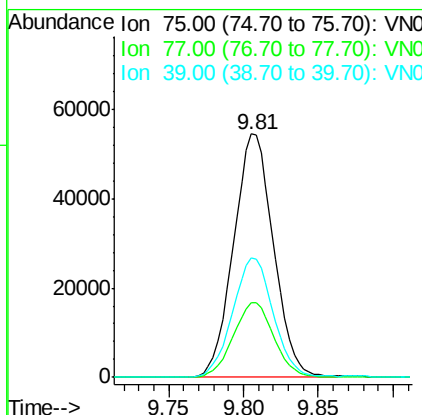
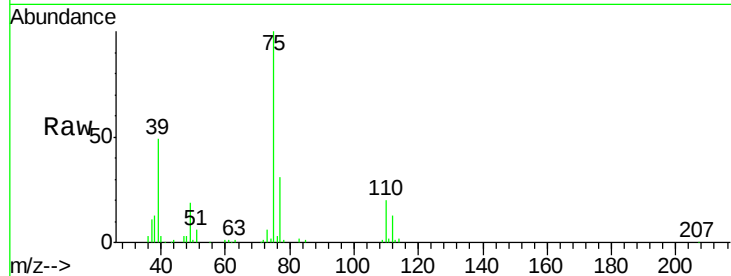
#49
 cis-1,3-Dichloropropene
 Concen: 19.910 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	23.7	35.5
39	48.9	40.5	60.7

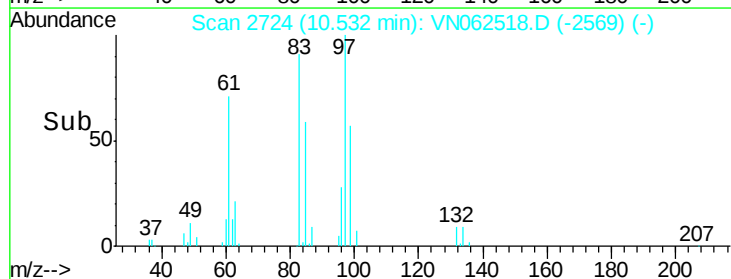
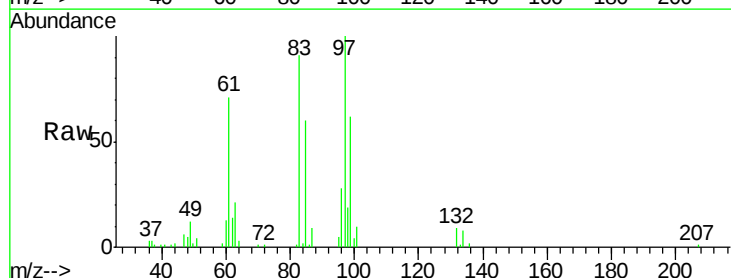
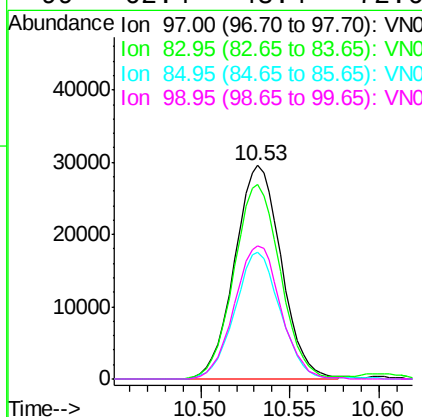
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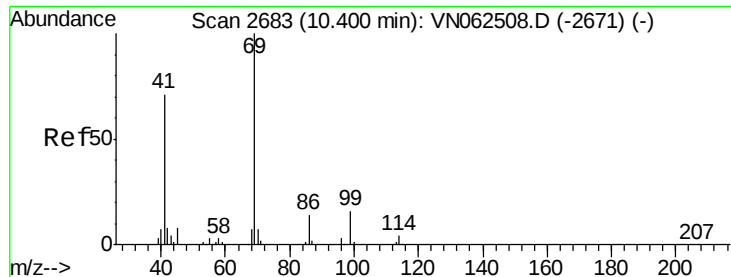
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 20.163 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.3	106.9
85	59.6	47.2	70.8
99	62.4	48.4	72.6





#51

Ethyl methacrylate

Concen: 19.439 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

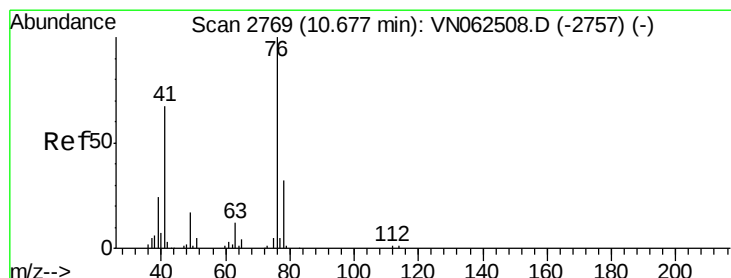
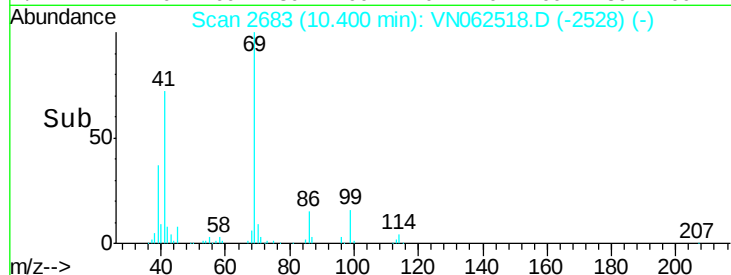
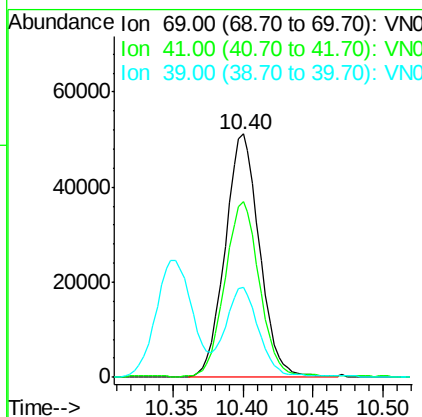
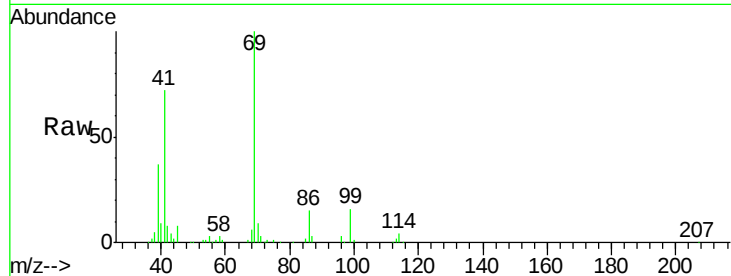
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	87509
Ion	Ratio	Lower	Upper
69	100		
41	71.6	35.6	106.8
39	36.3	17.2	51.5

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#52

1,3-Dichloropropane

Concen: 19.743 ug/l

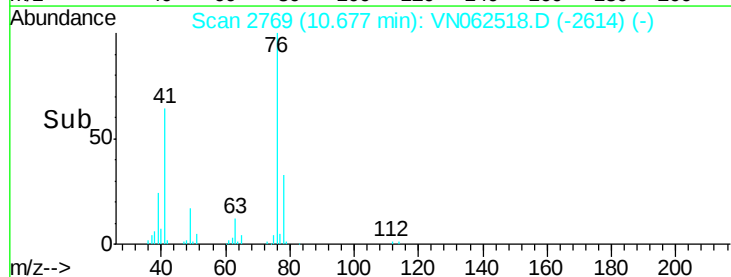
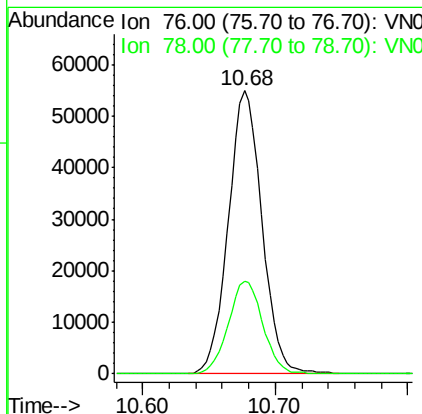
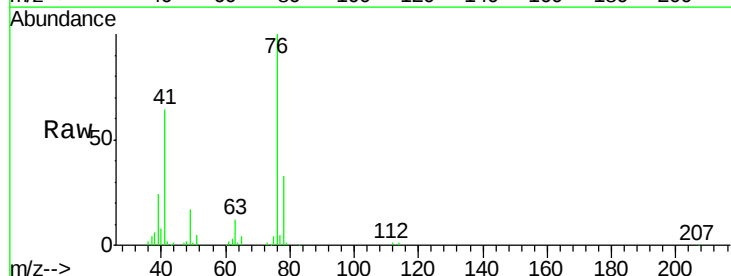
RT: 10.68 min Scan# 2769

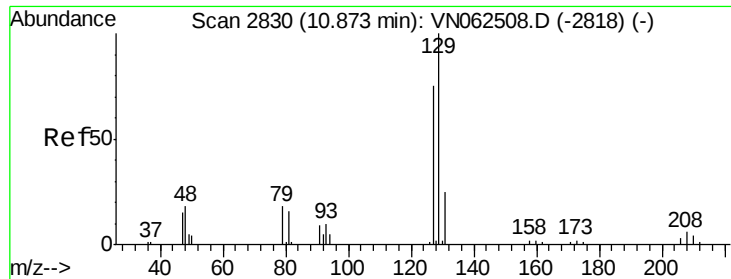
Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Tgt Ion:	76	Resp:	96884
Ion	Ratio	Lower	Upper
76	100		
78	33.6	0.0	63.6





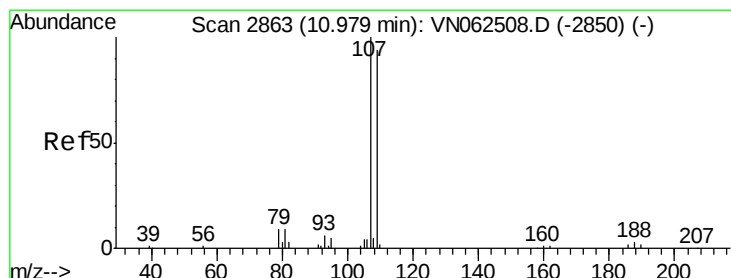
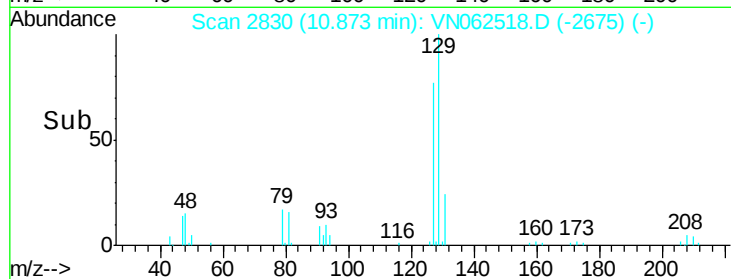
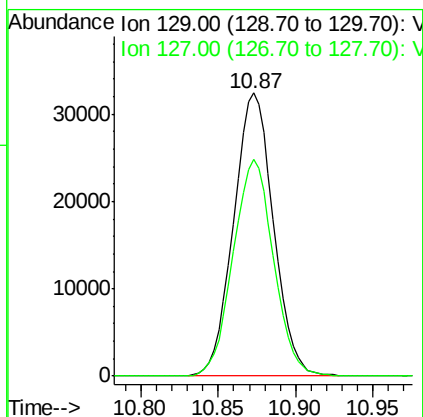
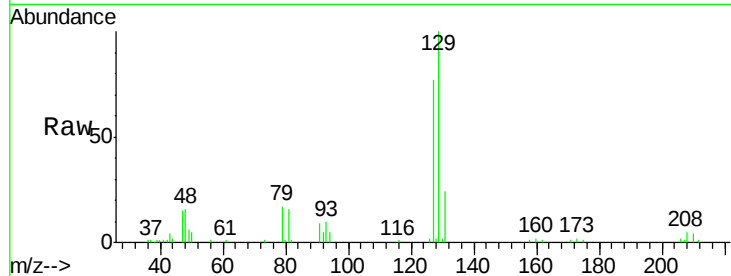
#53
 Dibromochloromethane
 Concen: 19.930 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		58059		
127	77.5	38.1	114.5		

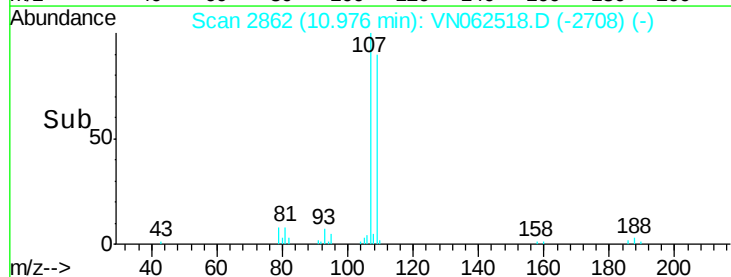
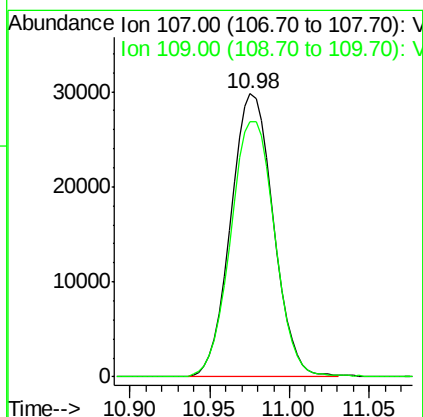
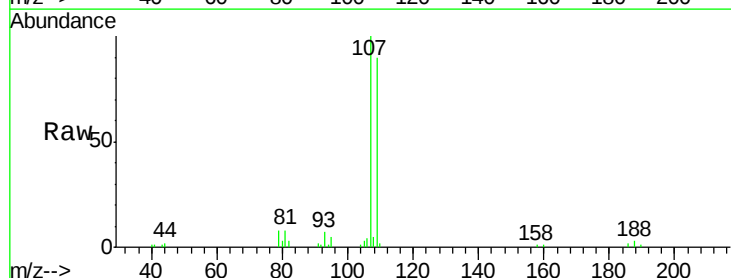
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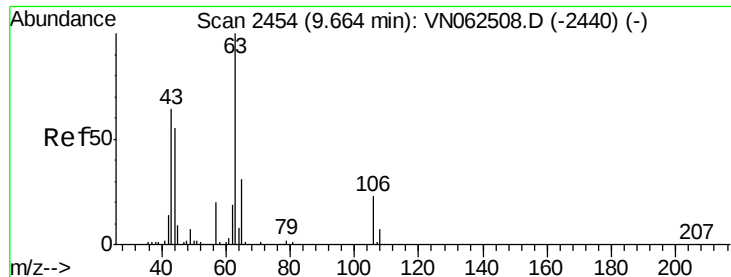
MMDadoda
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#54
 1,2-Dibromoethane
 Concen: 19.786 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		54150		
109	93.6	74.8	112.2		





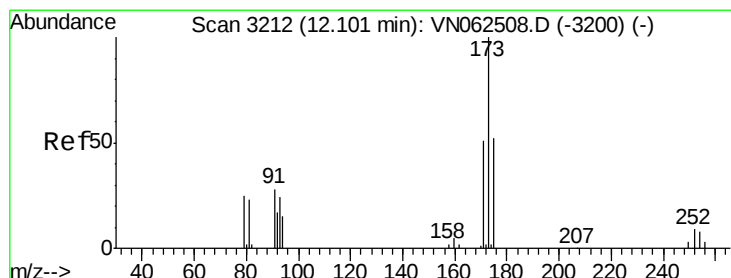
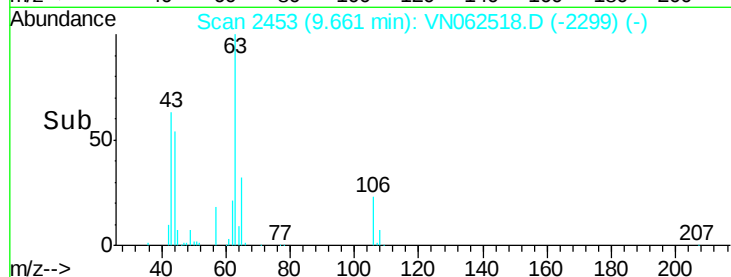
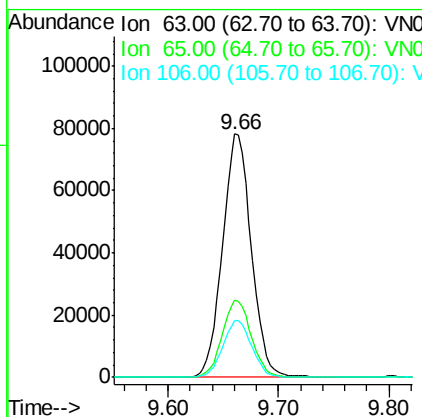
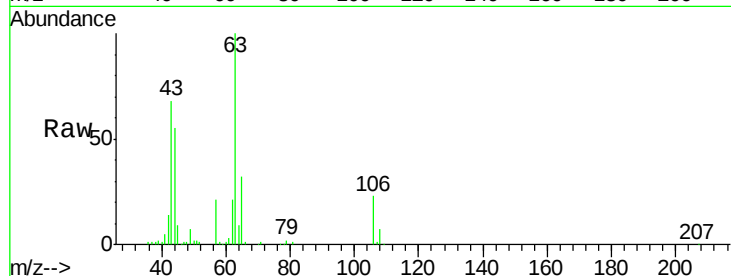
#55
2-Chloroethyl vinyl ether
Concen: 98.454 ug/l
RT: 9.66 min Scan# 2453
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.4	38.2
106	23.3	18.4	27.6

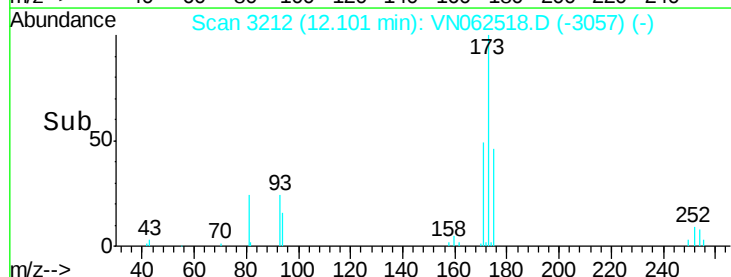
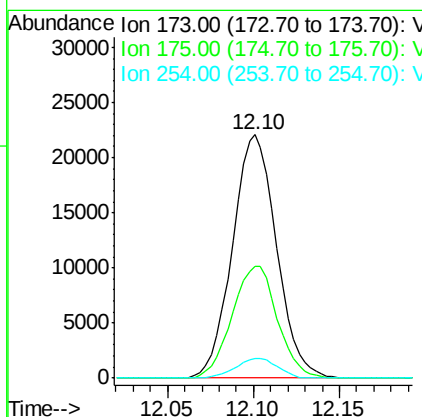
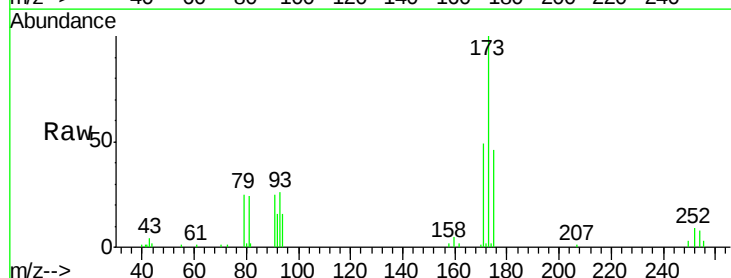
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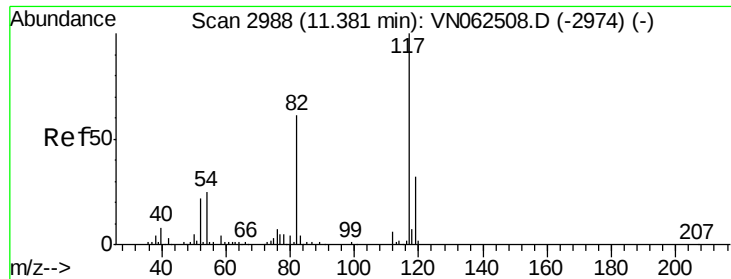
MMDadoda
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#56
Bromoform
Concen: 19.796 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	38.1	57.1
254	7.7	6.2	9.2





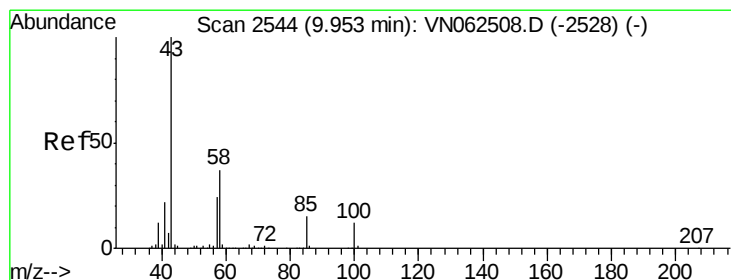
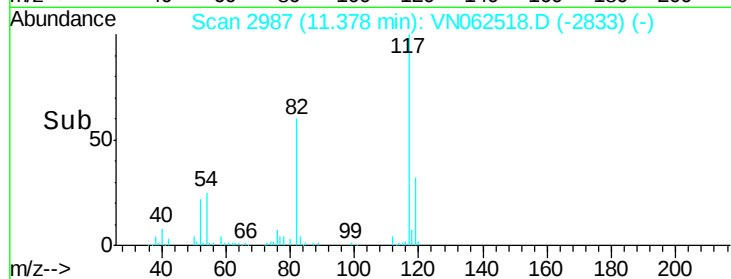
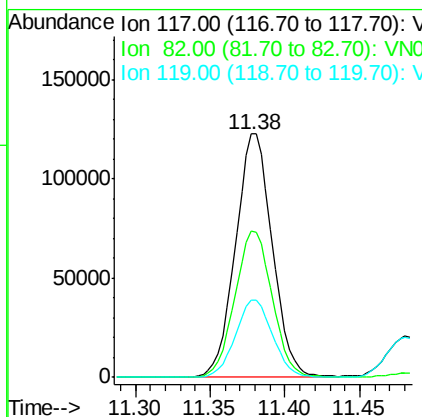
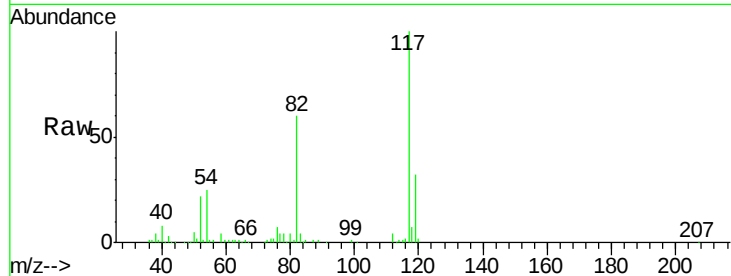
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	210163		
82	60.7	49.0	73.6	
119	32.3	25.6	38.4	

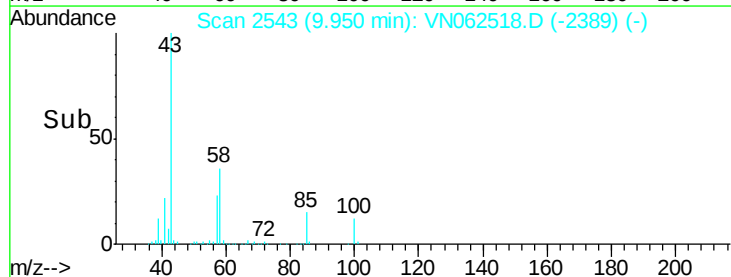
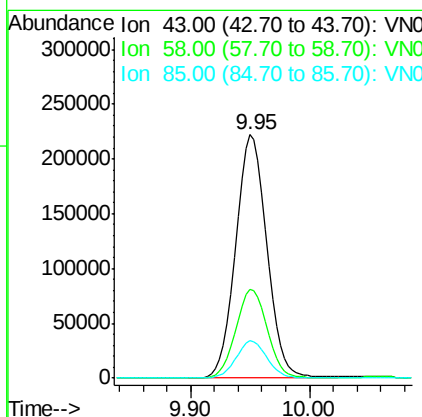
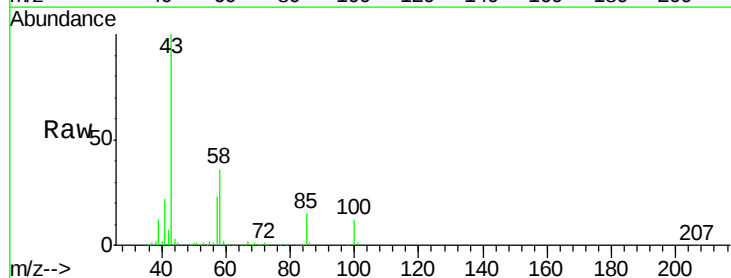
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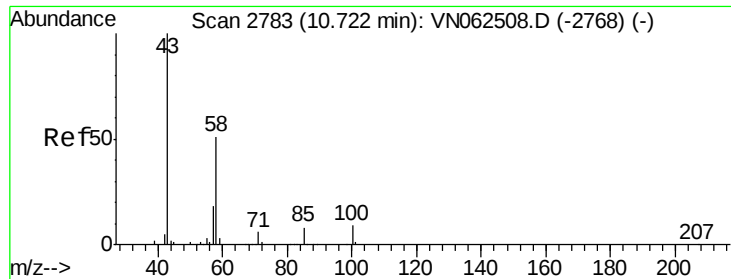
MMDadoda
7/14/2020 11:37:00 AM



#58
4-Methyl-2-Pentanone
Concen: 98.788 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	404504		
58	36.7	29.6	44.4	
85	15.2	12.0	18.0	





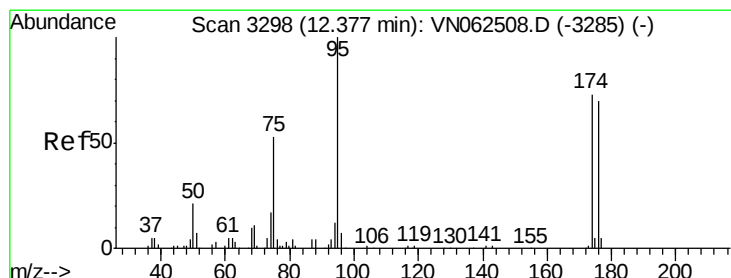
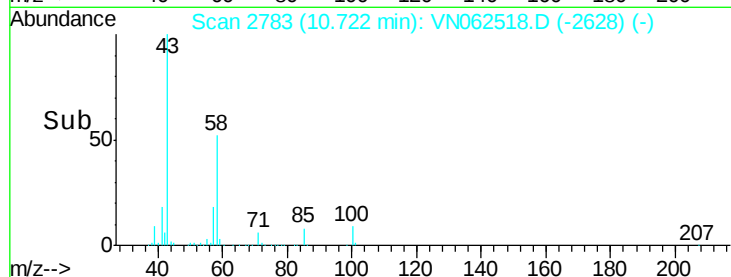
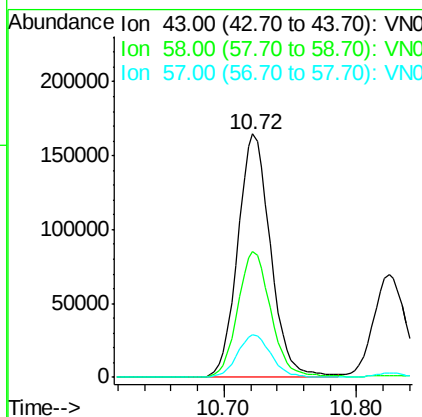
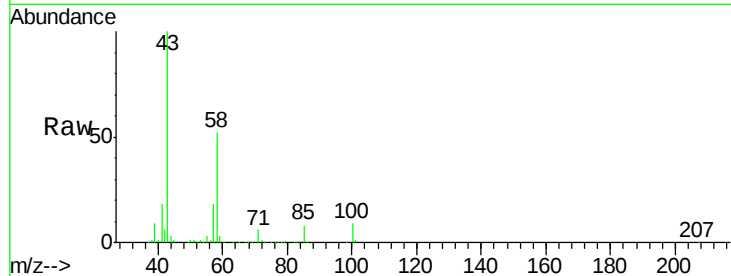
#59
2-Hexanone
Concen: 94.229 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.2	61.8
57	18.1	14.4	21.6

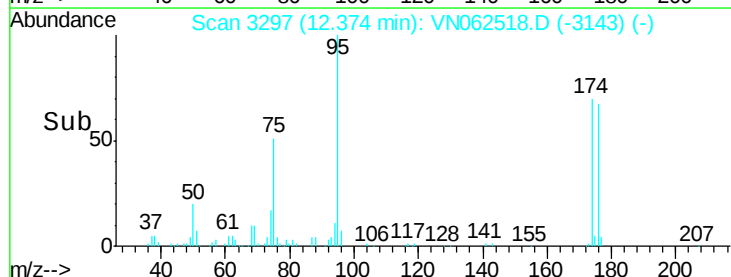
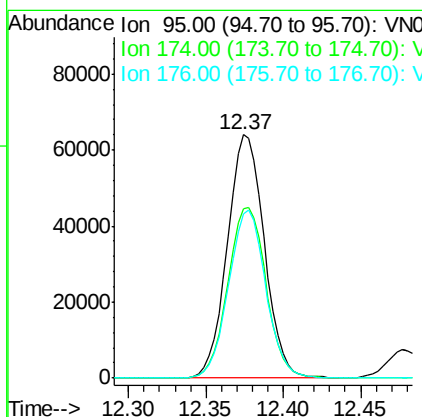
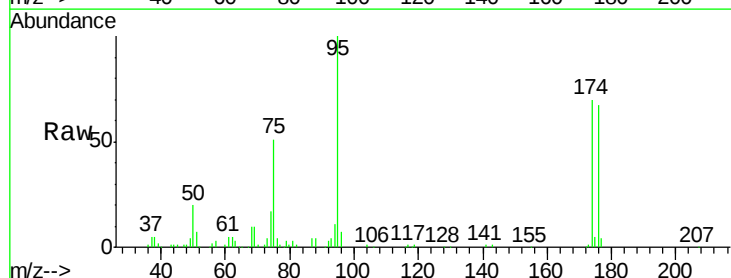
Manual Integrations
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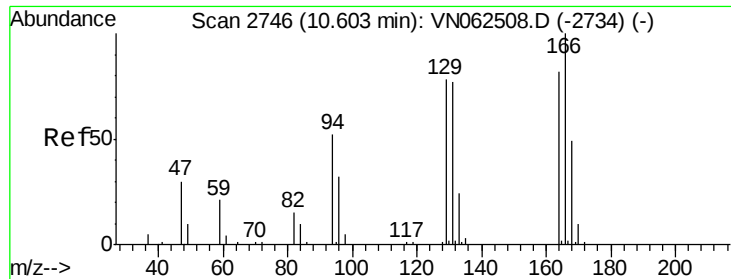
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.639 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.6	57.5	86.3
176	69.6	56.3	84.5





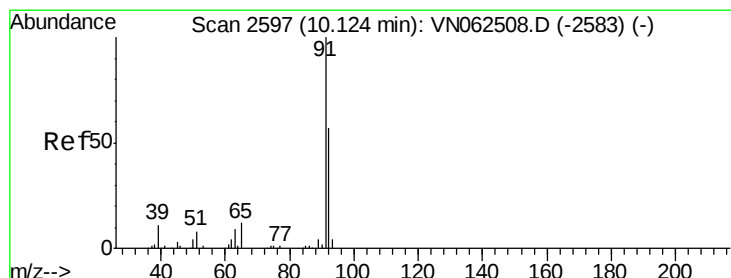
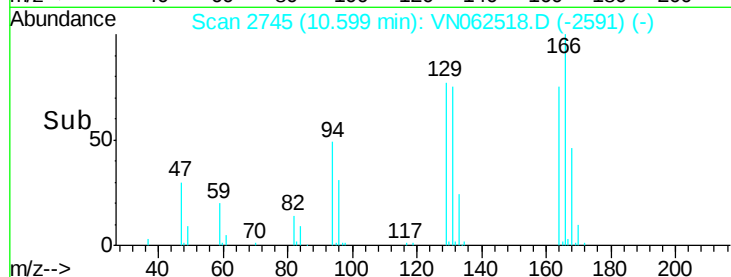
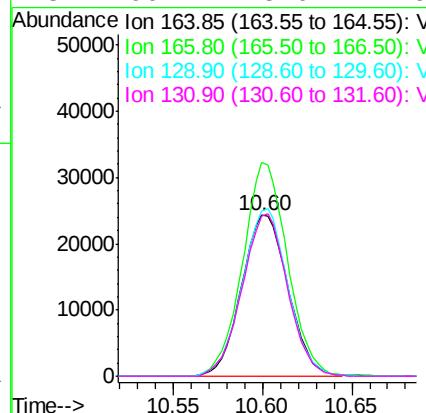
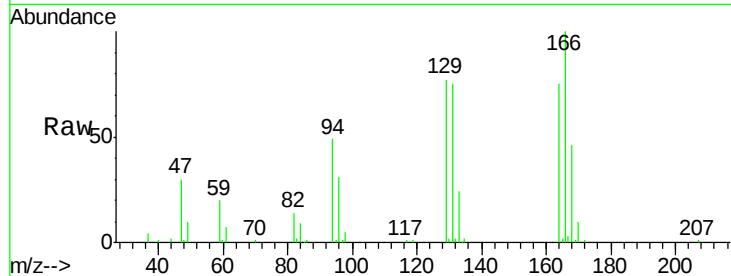
#61
Tetrachloroethene
Concen: 20.622 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	132.6	97.7	146.5
129	102.4	77.0	115.4
131	99.1	75.0	112.6

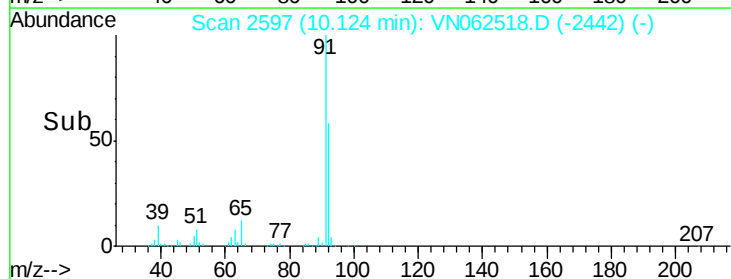
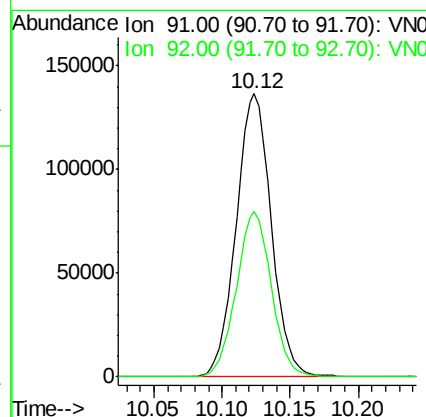
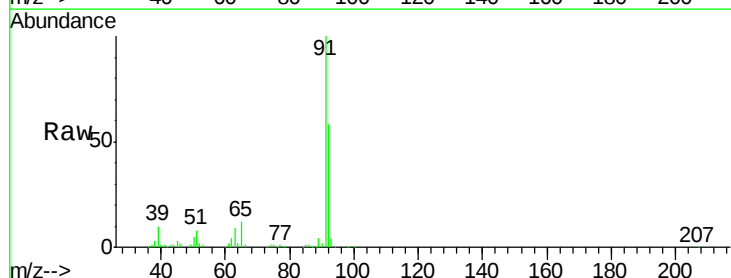
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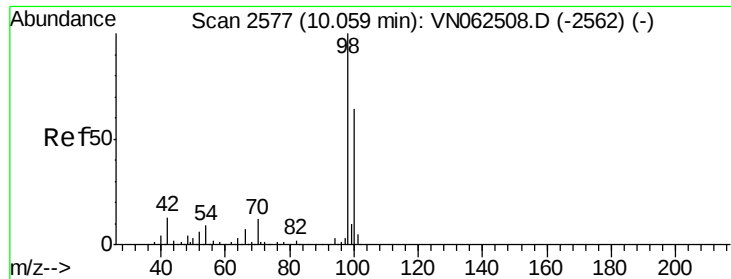
MMDadoda
7/14/2020 11:37:00 AM



#62
Toluene
Concen: 20.470 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.0	45.8	68.6





#63

Toluene-d8

Concen: 30.488 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 302774

Ion Ratio Lower Upper

98 100

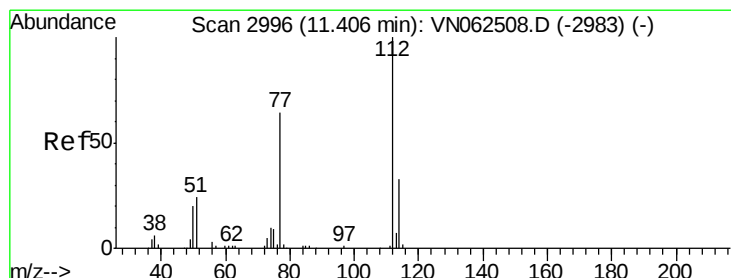
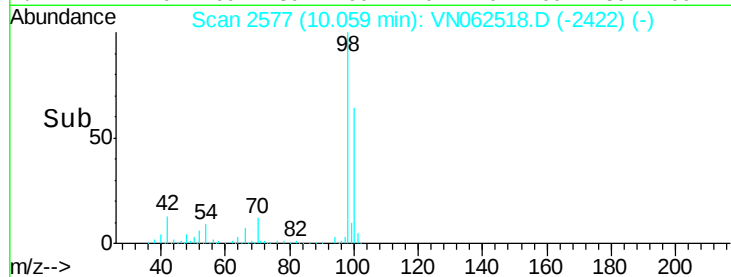
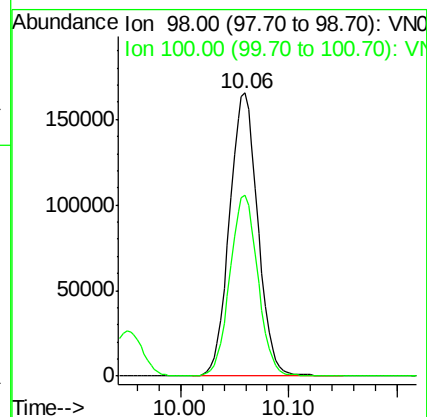
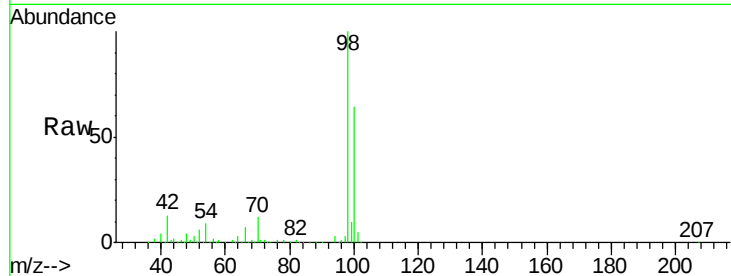
100 63.0 50.4 75.6

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#64

Chlorobenzene

Concen: 20.340 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062518.D

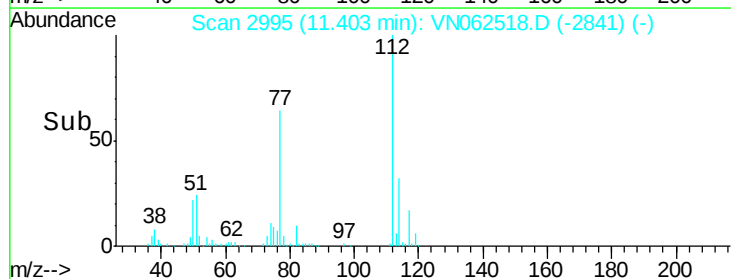
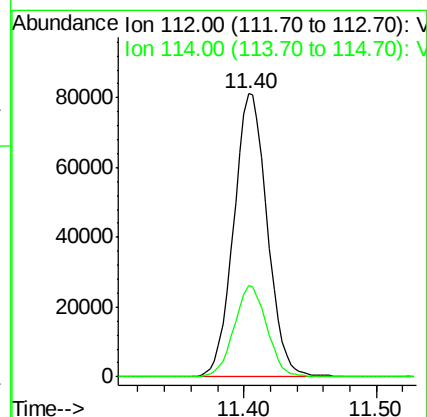
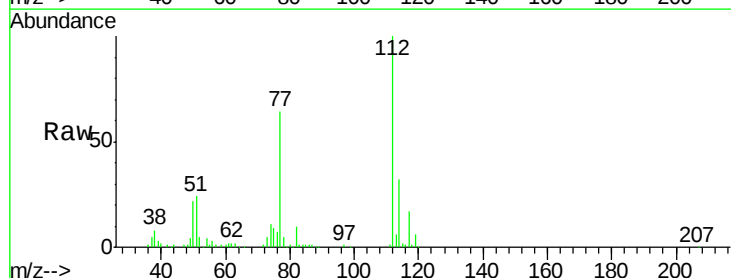
Acq: 13 Jul 2020 16:13

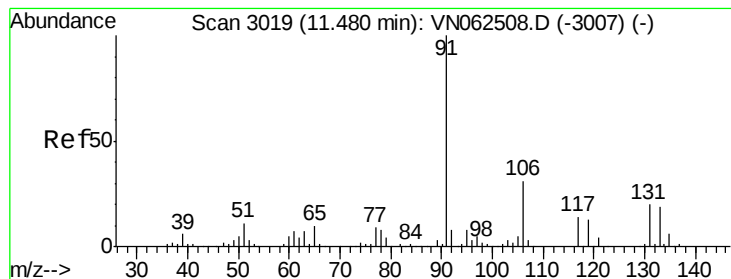
Tgt Ion: 112 Resp: 142497

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 20.248 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:131 Resp: 52508

Ion Ratio Lower Upper

131 100

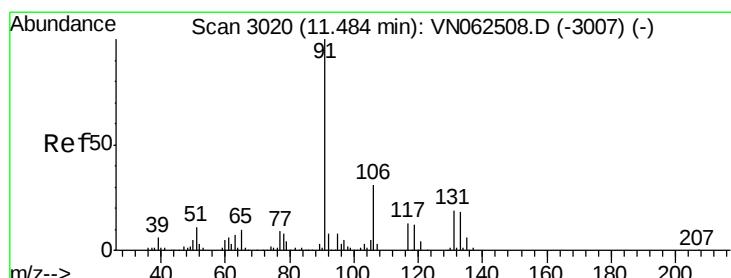
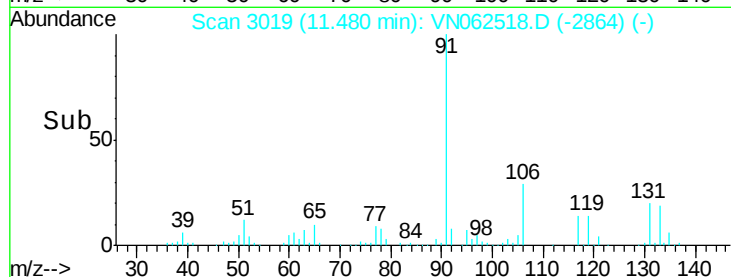
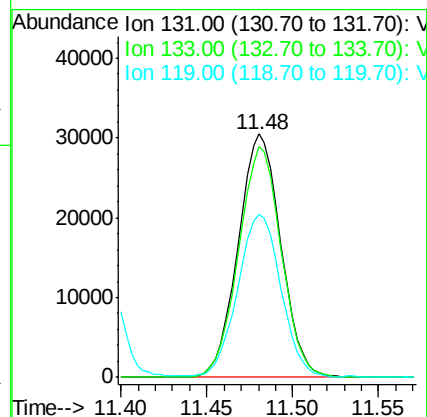
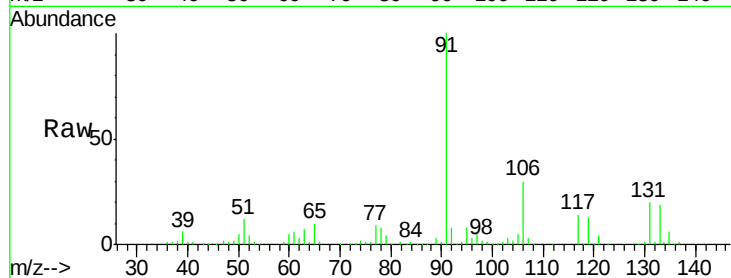
133 94.8 0.0 191.4

119 68.2 0.0 136.2

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7/14/2020 11:37:00 AM



#66

Ethyl Benzene

Concen: 19.951 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062518.D

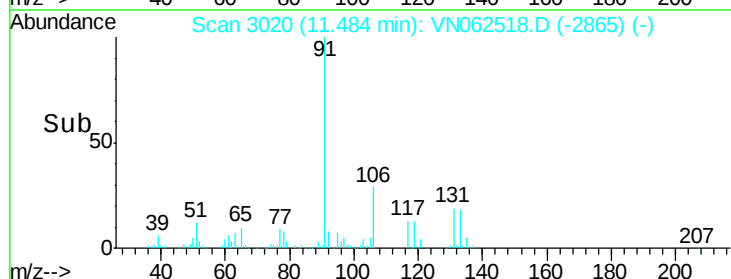
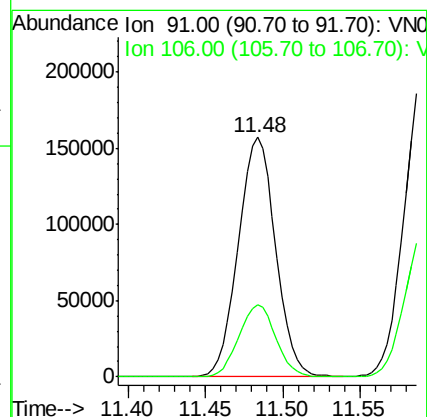
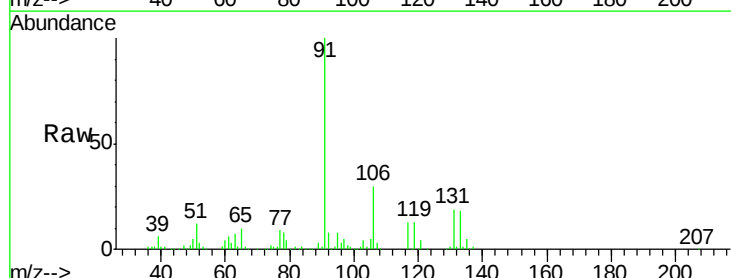
Acq: 13 Jul 2020 16:13

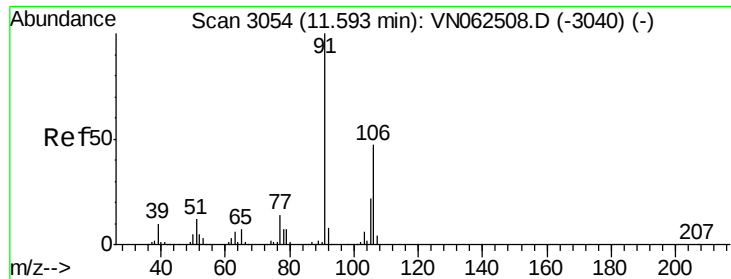
Tgt Ion: 91 Resp: 263416

Ion Ratio Lower Upper

91 100

106 30.0 24.6 36.8





#67

m/p-Xylenes

Concen: 40.357 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 193397

Ion Ratio Lower Upper

106 100

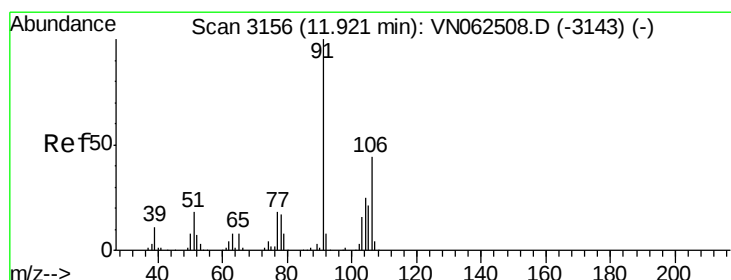
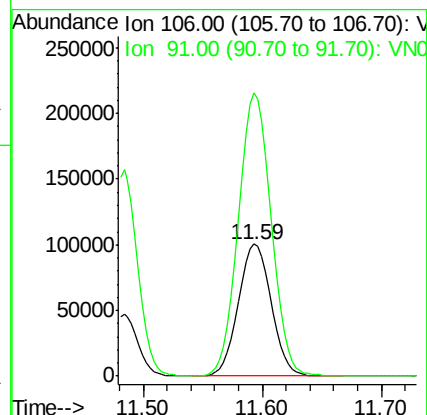
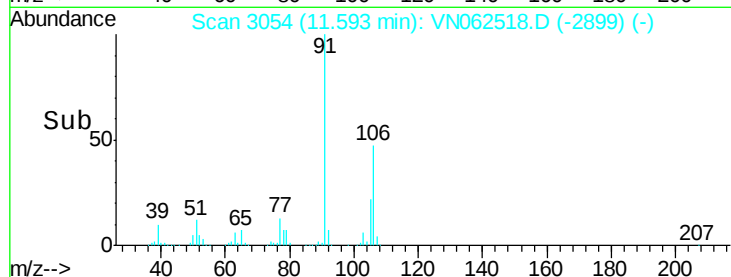
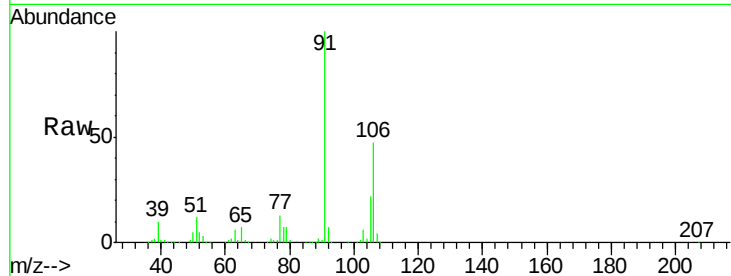
91 213.4 170.7 256.1

Manual Integrations

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#68

o-Xylene

Concen: 19.865 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN062518.D

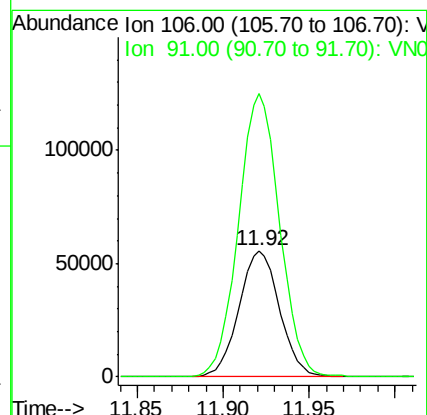
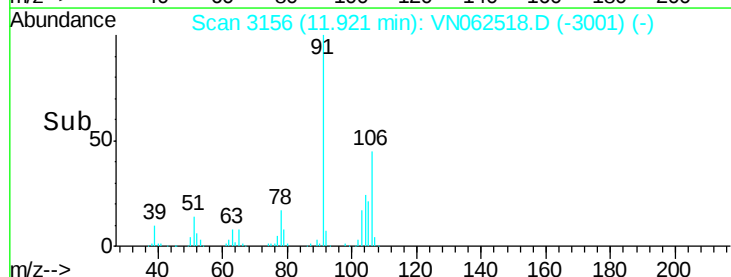
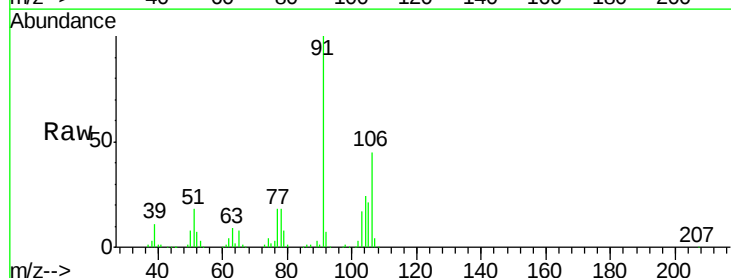
Acq: 13 Jul 2020 16:13

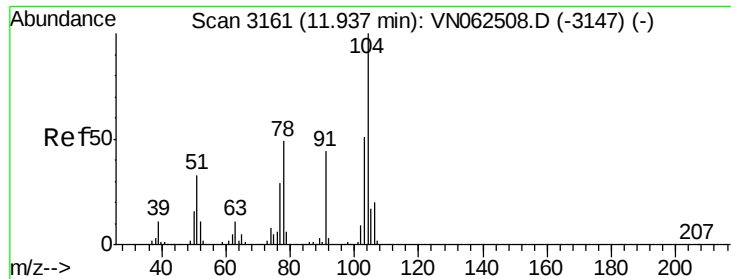
Tgt Ion:106 Resp: 91358

Ion Ratio Lower Upper

106 100

91 227.9 113.9 341.6





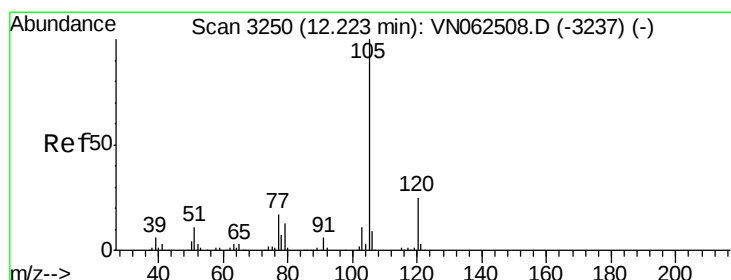
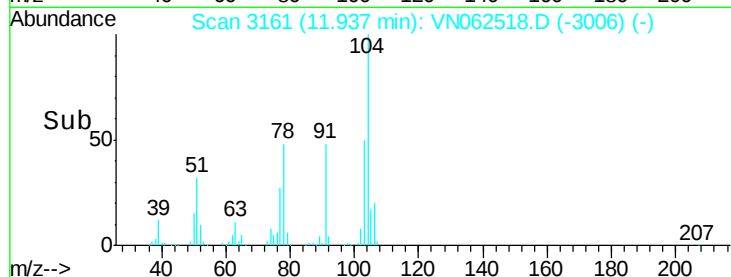
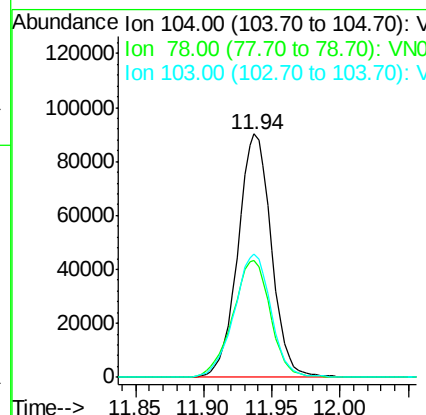
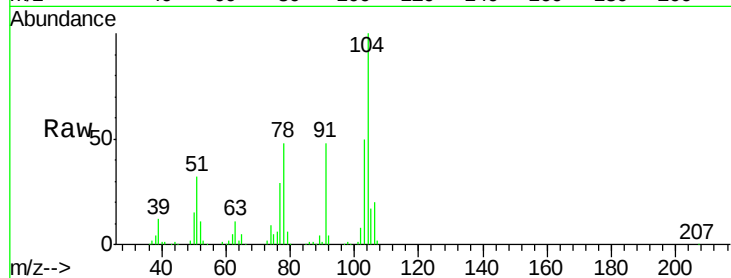
#69
Stvrene
Concen: 19.669 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	153526		
78	54.4		43.9	65.9
103	55.6		43.8	65.6

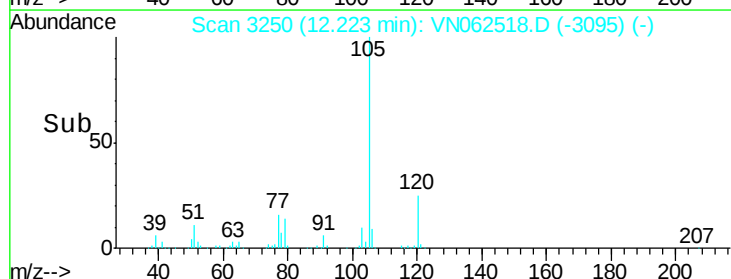
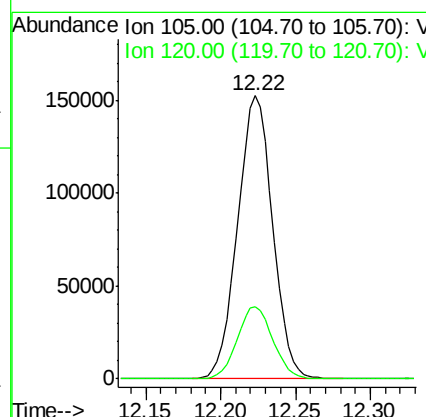
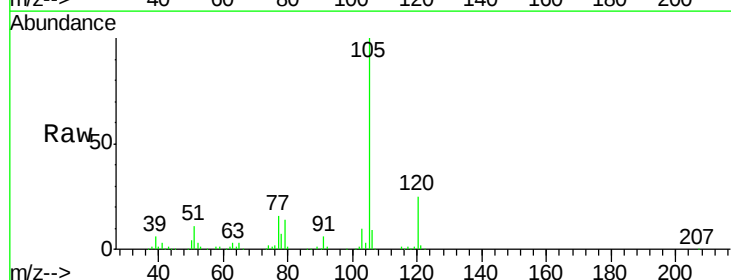
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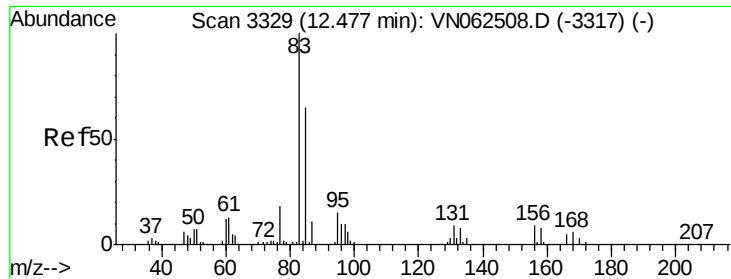
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#70
Isopropylbenzene
Concen: 20.098 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248120		
120	25.8		17.6	32.8





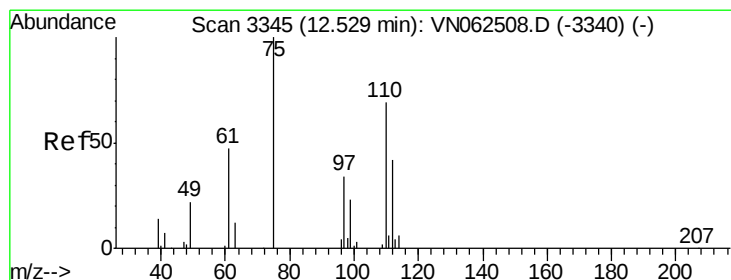
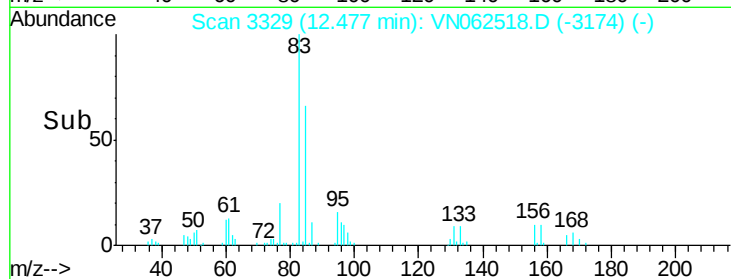
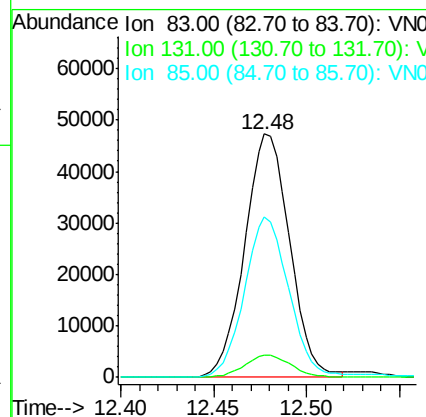
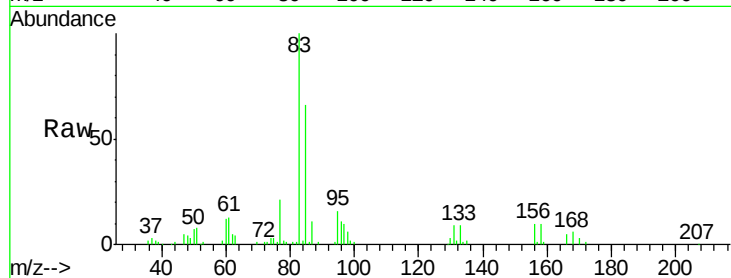
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.053 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	83	Resp	80010
Ion Ratio	100	Lower	Upper
83	100		
131	9.3	4.5	13.7
85	64.6	32.5	97.4

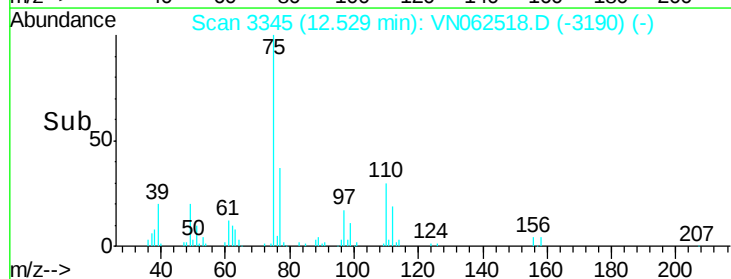
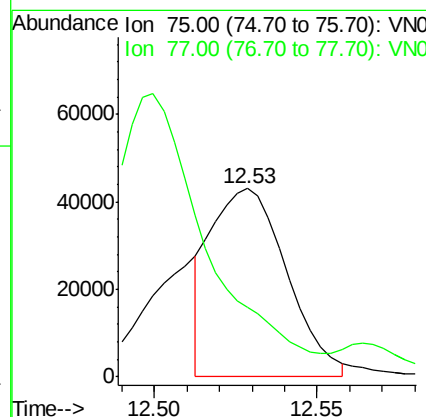
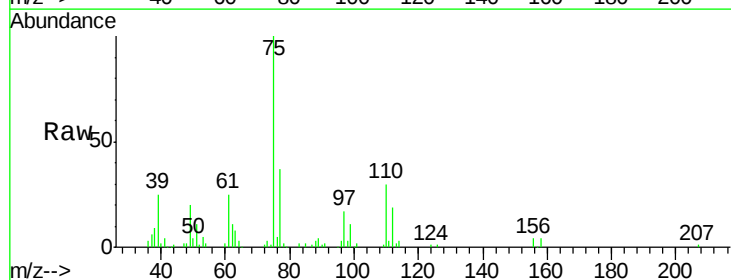
Manual Integrations
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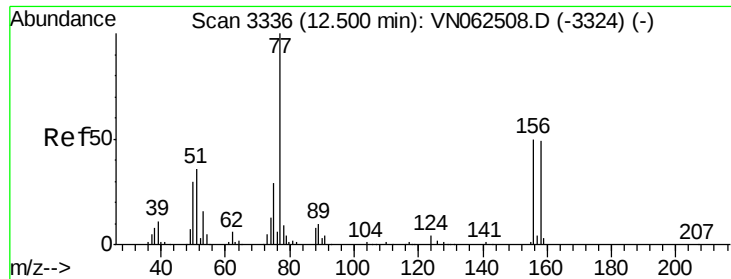
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#72
 1,2,3-Trichloropropane
 Concen: 17.943 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	75	Resp	69639
Ion Ratio	100	Lower	Upper
75	100		
77	194.2	0.0	376.2





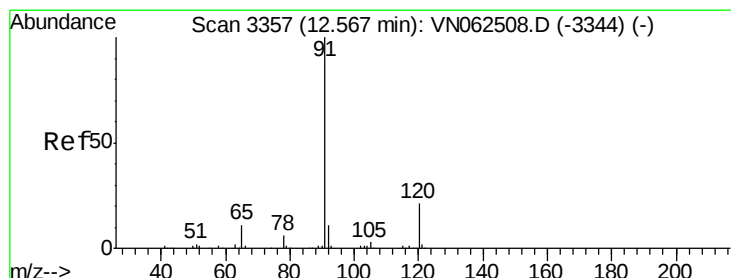
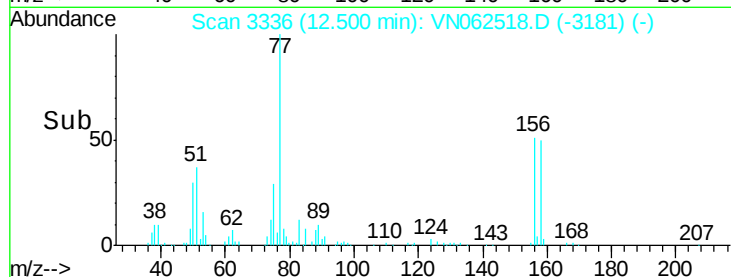
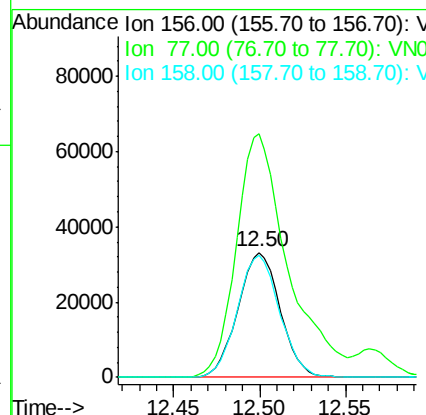
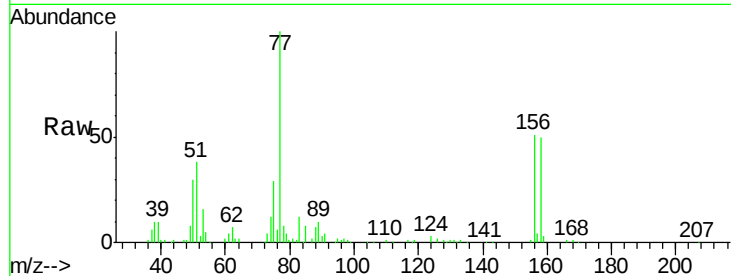
#73
Bromobenzene
Concen: 19.844 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	238.4	0.0	485.0
158	98.5	0.0	192.6

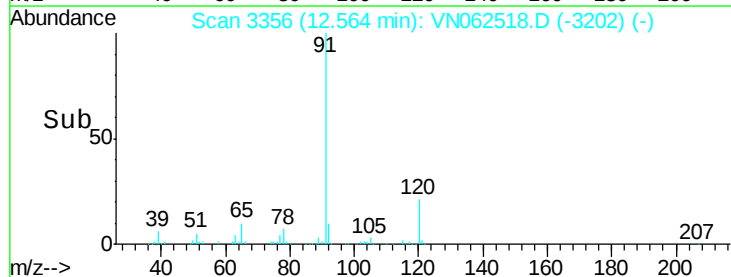
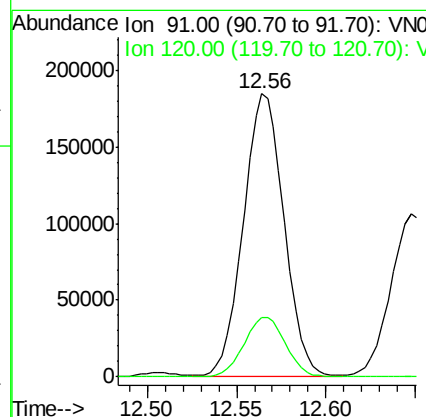
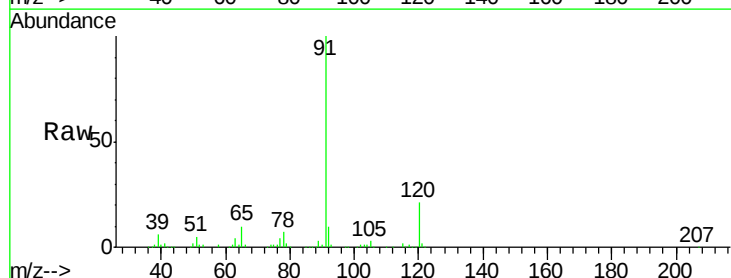
Manual Integrations
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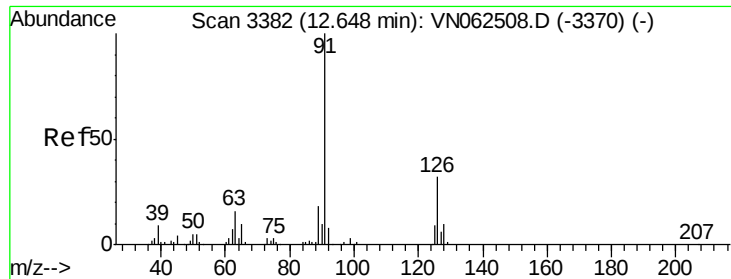
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7/14/2020 11:37:00 AM



#74
n-propylbenzene
Concen: 20.069 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	0.0	42.8





#75

2-Chlorotoluene

Concen: 20.131 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC020EC

Tot Ion: 91 Resp: 177862

Ion Ratio Lower Upper

91 100

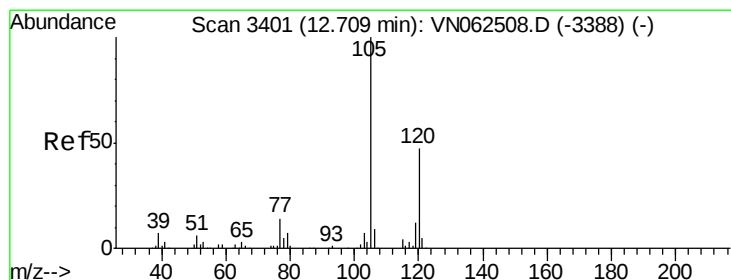
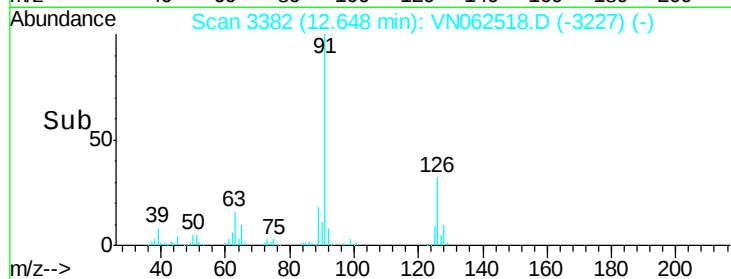
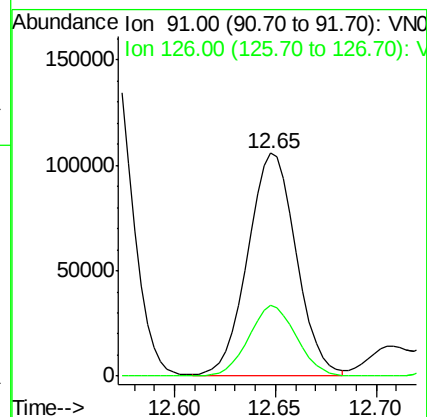
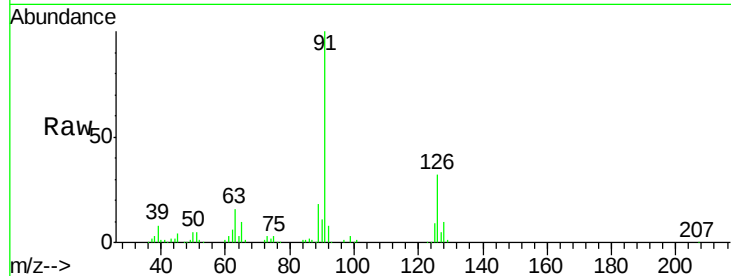
126 31.4 0.0 62.2

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#76

1,3,5-Trimethylbenzene

Concen: 20.013 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062518.D

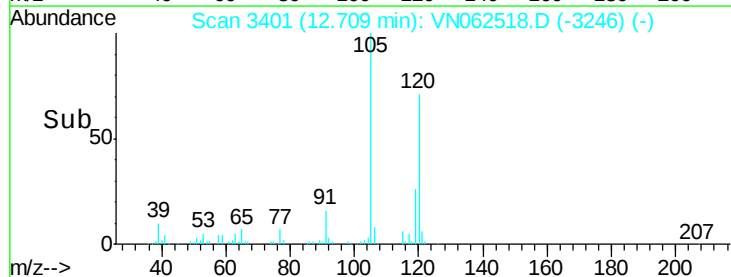
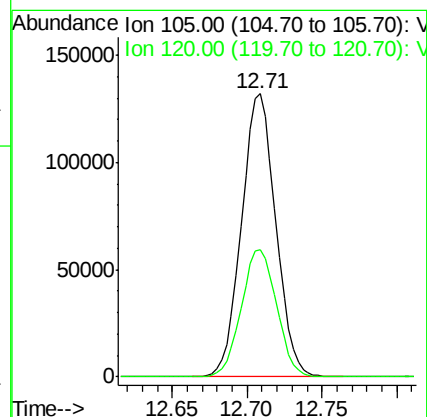
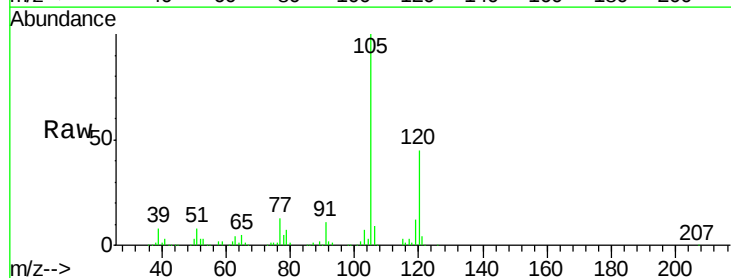
Acq: 13 Jul 2020 16:13

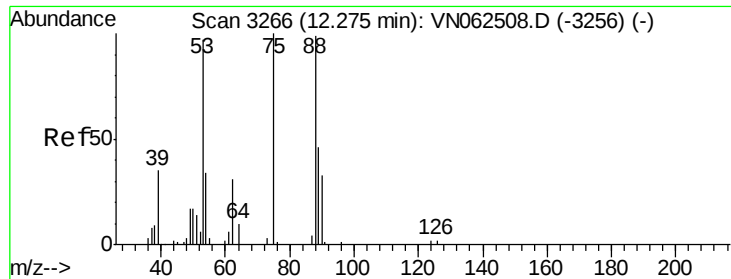
Tgt Ion: 105 Resp: 210523

Ion Ratio Lower Upper

105 100

120 46.4 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.776 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Instrument :

MSVOA_N

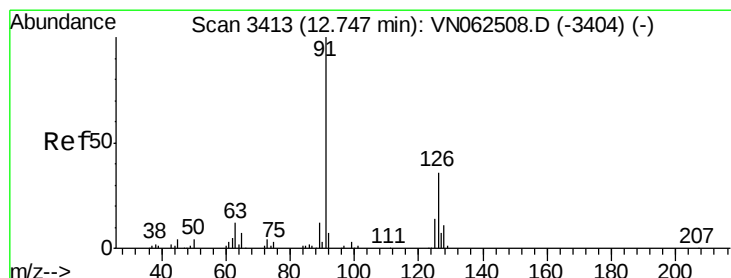
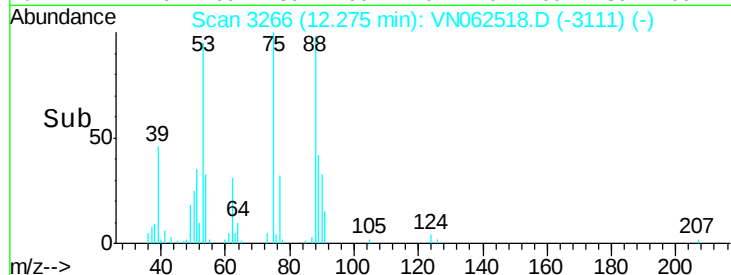
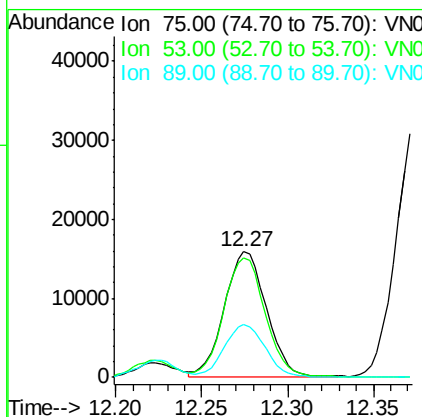
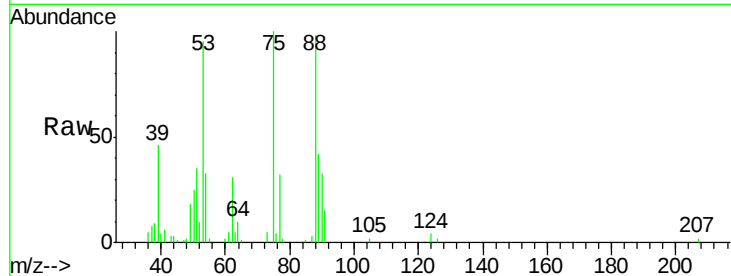
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	27254
Ion	Ratio	Lower	Upper
75	100		
53	95.7	48.3	144.8
89	42.5	23.3	69.8

Manual Integrations
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#78

4-Chlorotoluene

Concen: 19.895 ug/l

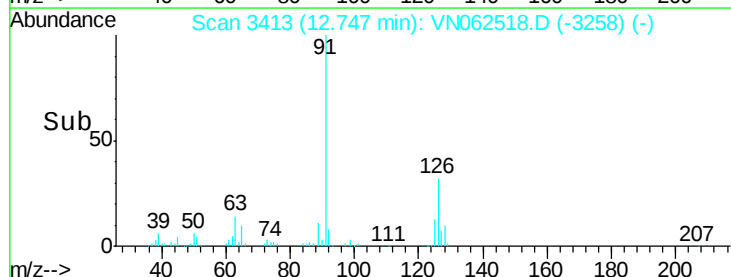
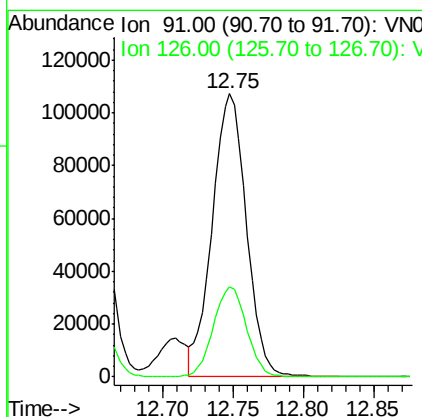
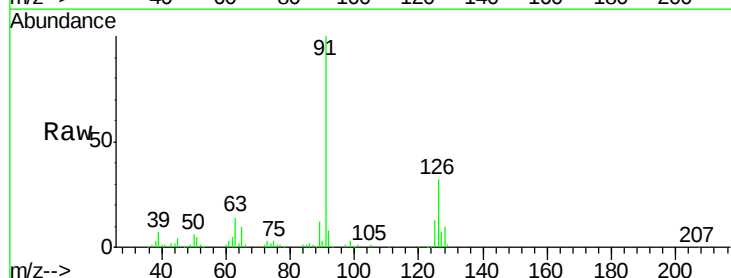
RT: 12.75 min Scan# 3413

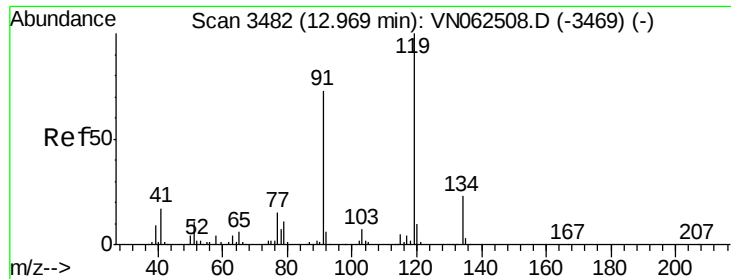
Delta R.T. -0.00 min

Lab File: VN062518.D

Acq: 13 Jul 2020 16:13

Tgt Ion:	91	Resp:	179360
Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	62.2





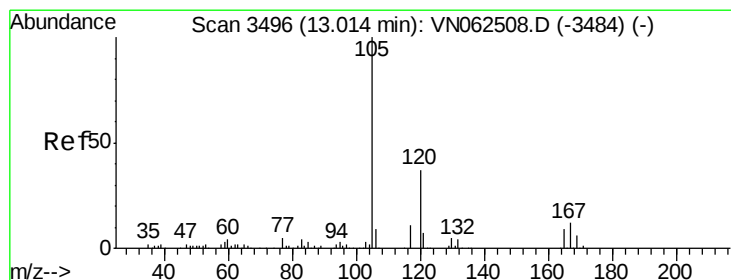
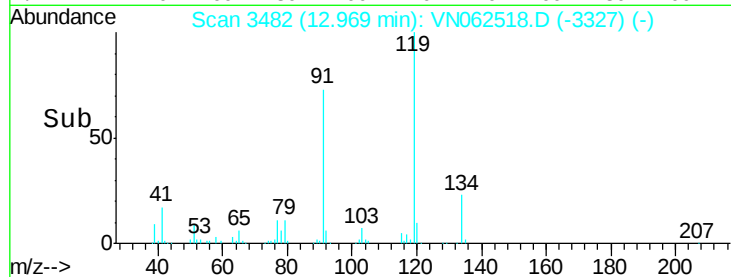
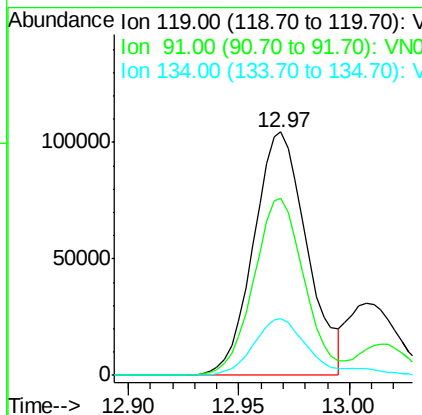
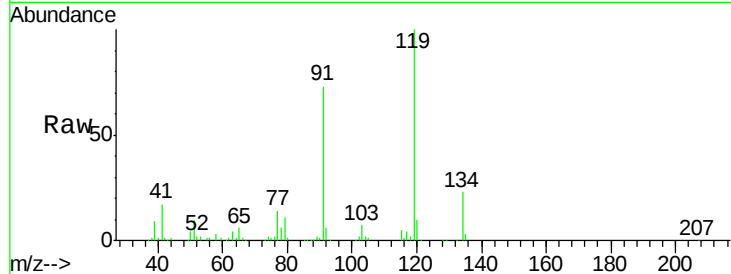
#79
tert-butylbenzene
Concen: 20.145 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	175468		
91	69.4	0.0	139.8	
134	23.0	0.0	45.0	

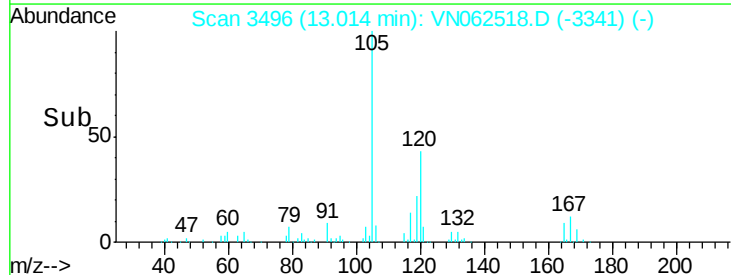
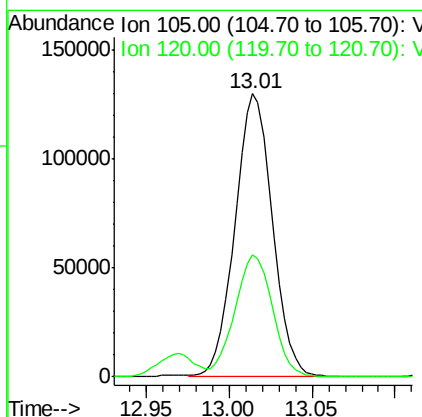
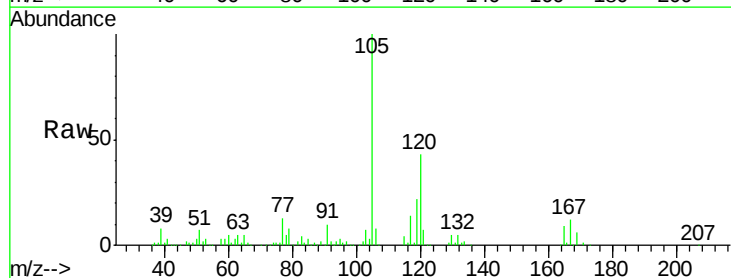
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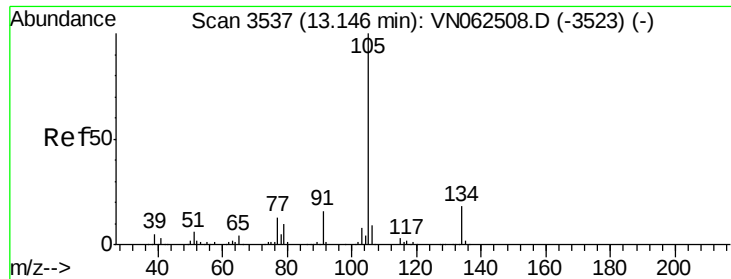
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 19.603 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	202806		
120	43.9	0.0	86.6	





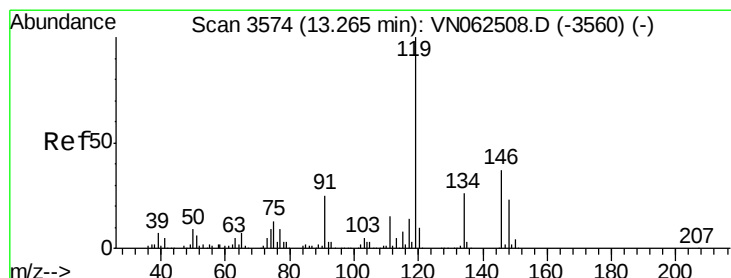
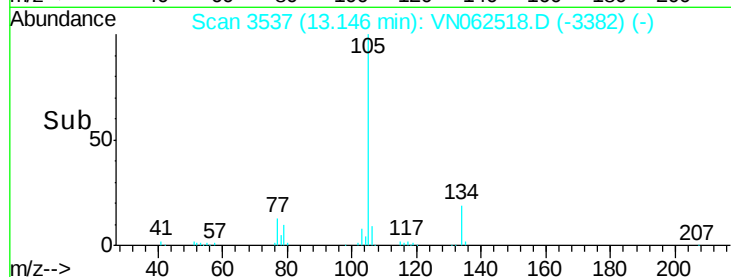
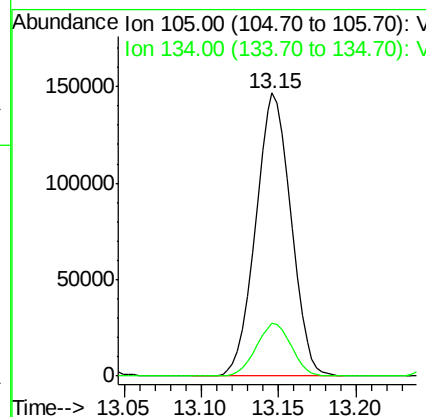
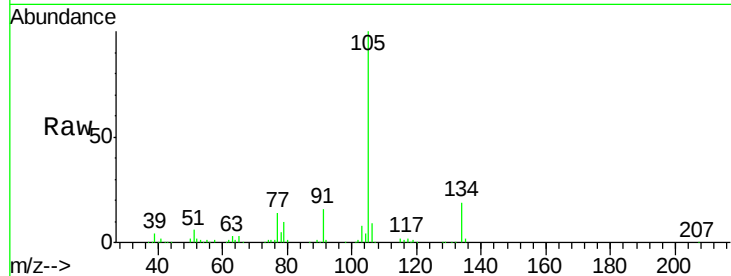
#81
 sec-Butylbenzene
 Concen: 19.922 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.7	0.0	37.2

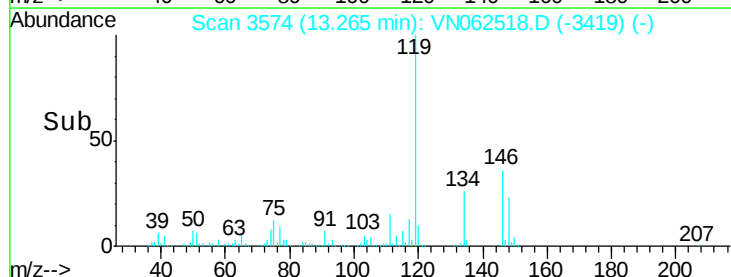
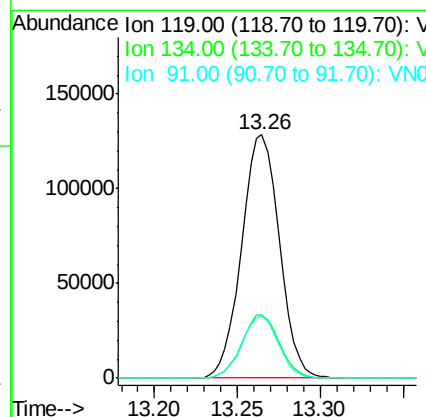
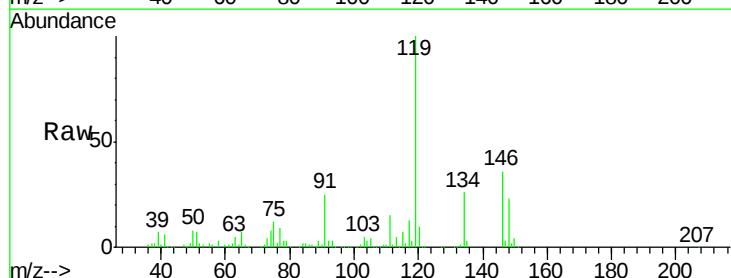
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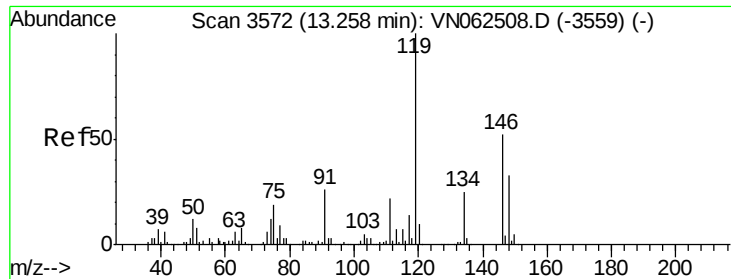
MMDadoda
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#82
 p-Isopropyltoluene
 Concen: 19.737 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	0.0	50.8
91	25.1	0.0	51.2





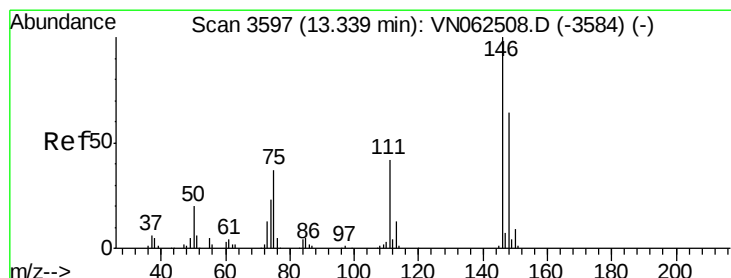
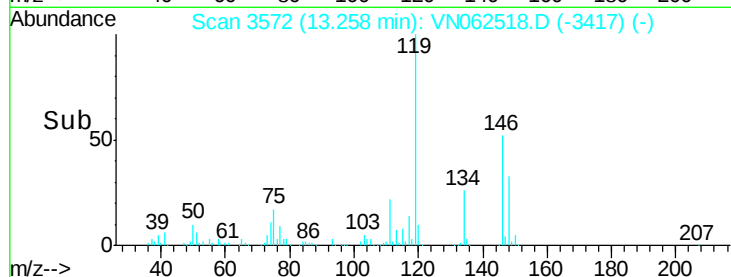
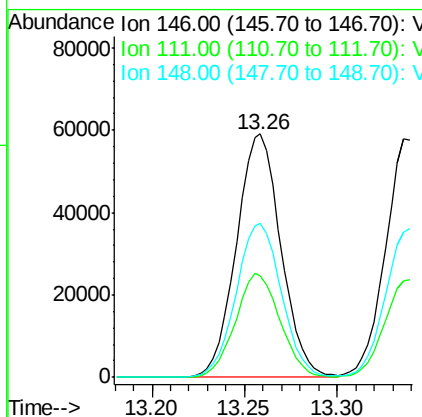
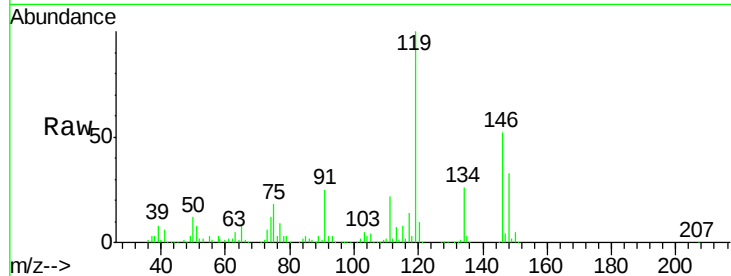
#83
 1,3-Dichlorobenzene
 Concen: 19.799 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.0	63.0
148	64.4	31.7	95.1

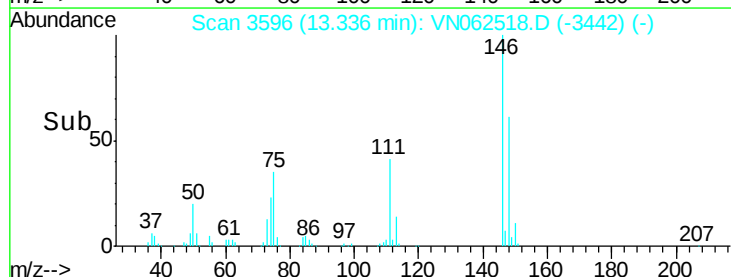
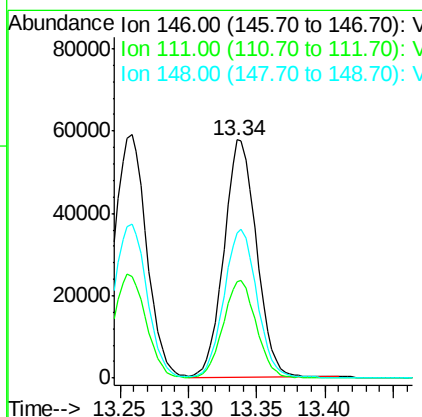
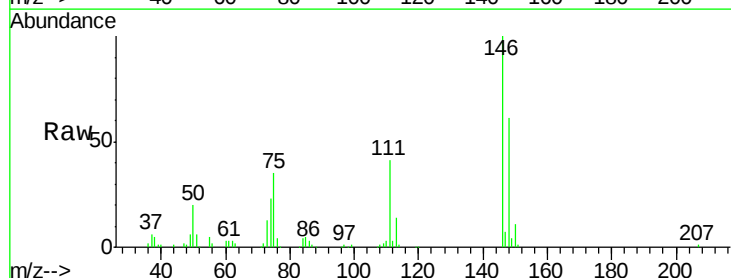
Manual Integrations
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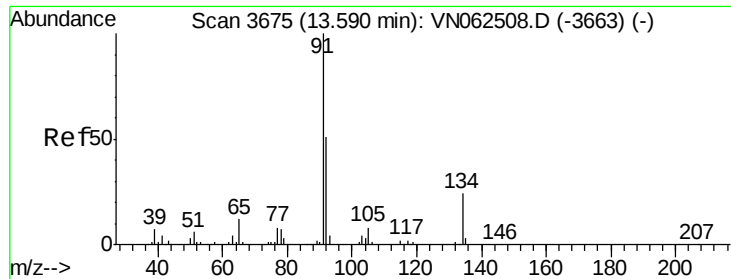
MMDadoda
 7/14/2020 11:37:00 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.549 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.4	64.2
148	62.7	32.4	97.2





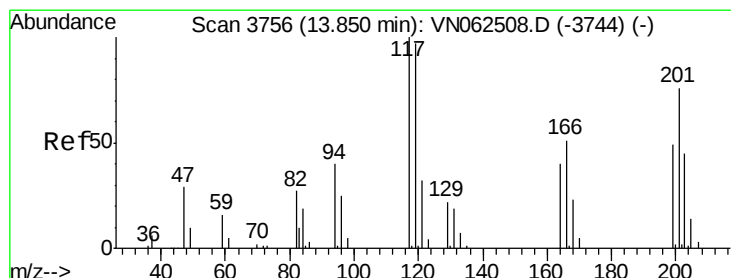
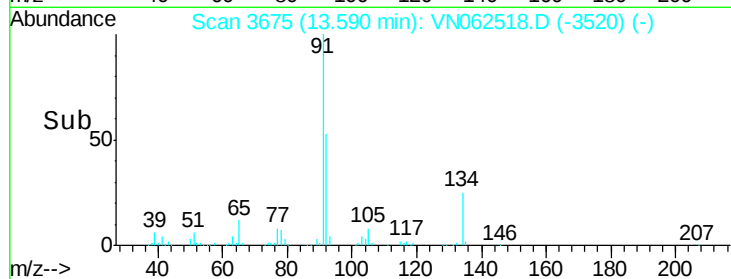
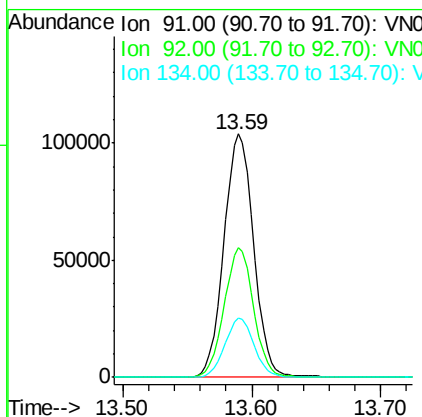
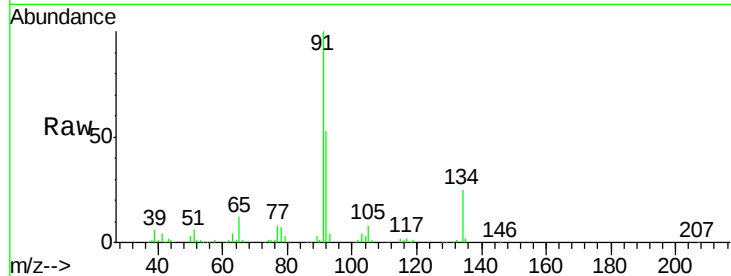
#85
n-Butylbenzene
Concen: 18.756 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	166084		
92	52.6	0.0	102.4	
134	24.0	0.0	46.6	

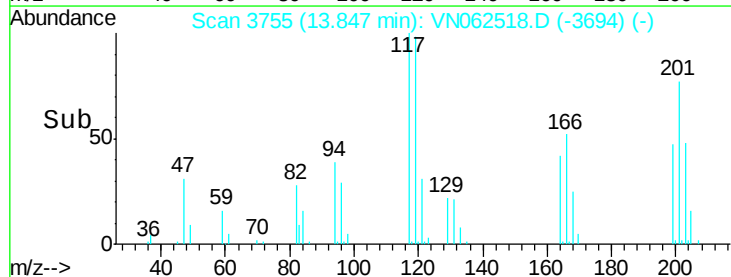
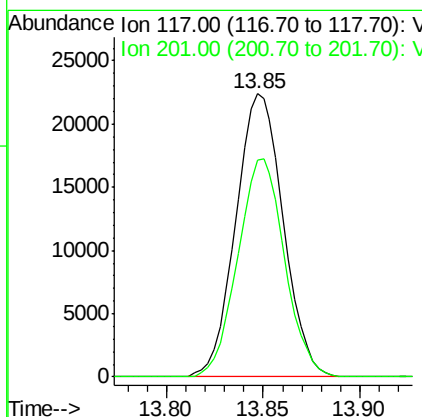
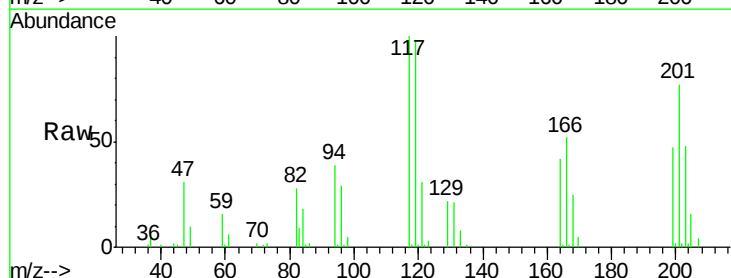
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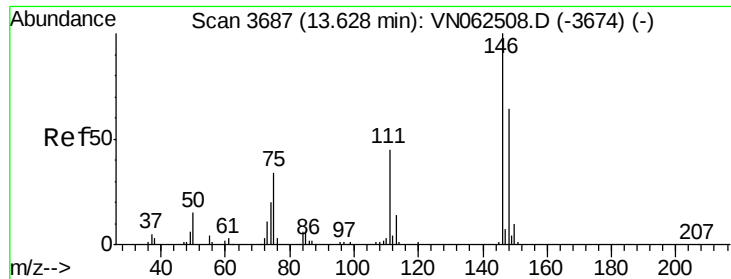
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#86
Hexachloroethane
Concen: 19.168 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38181		
201	76.1	37.4	112.2	





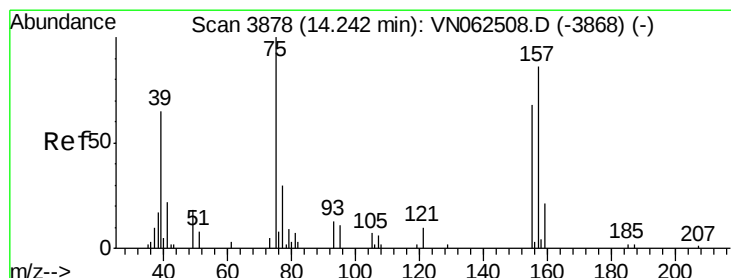
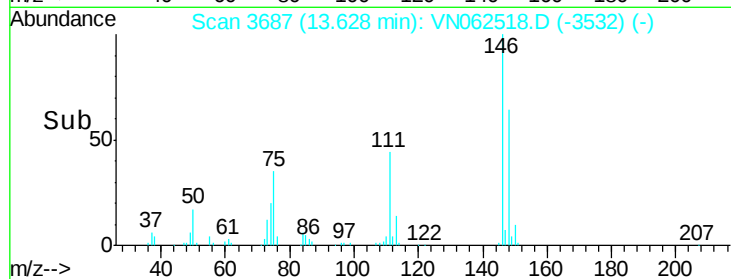
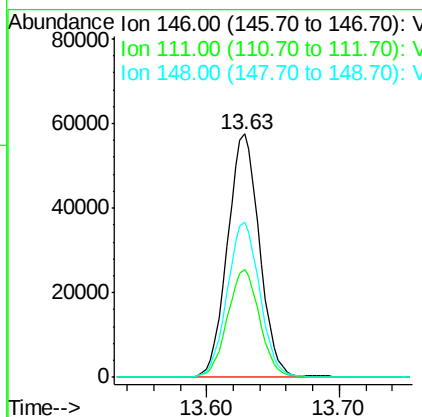
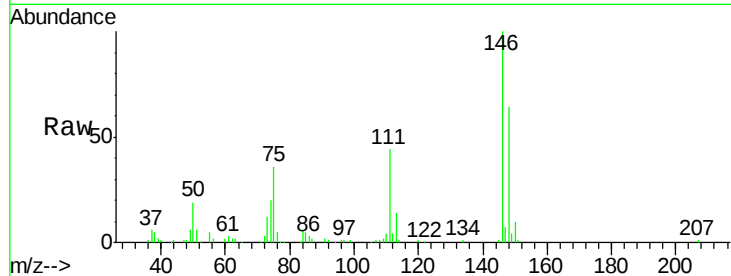
#87
 1,2-Dichlorobenzene
 Concen: 20.236 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.4	67.0
148	64.8	32.1	96.3

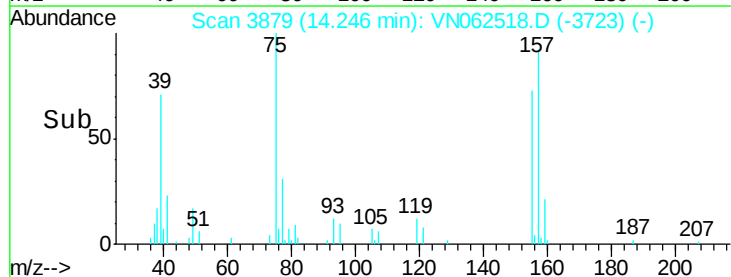
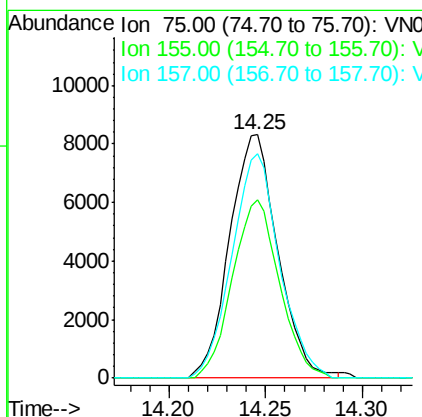
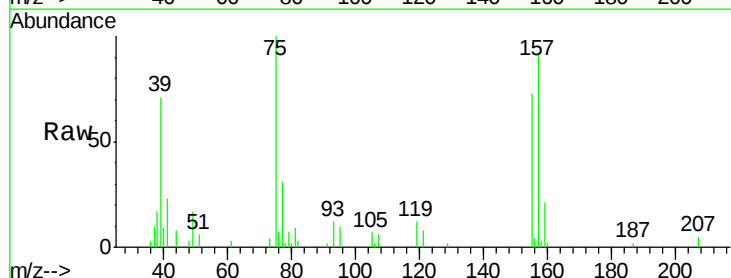
Manual Integrations
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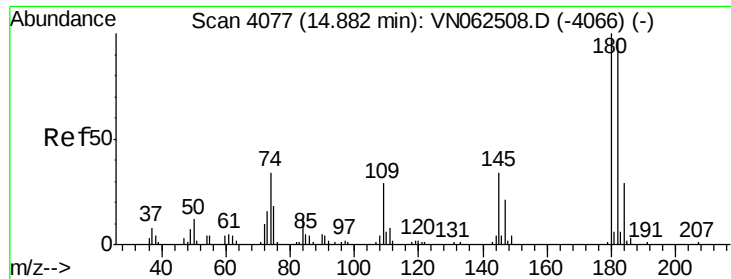
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.135 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.3	55.7	83.5
157	91.2	71.0	106.6





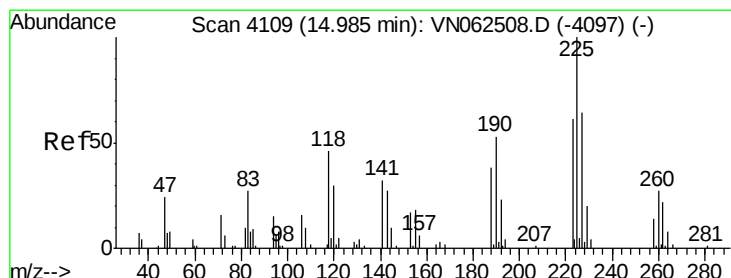
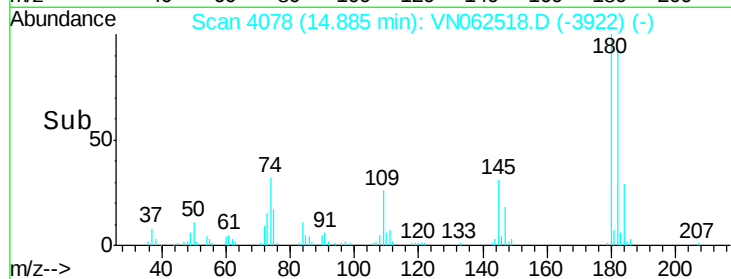
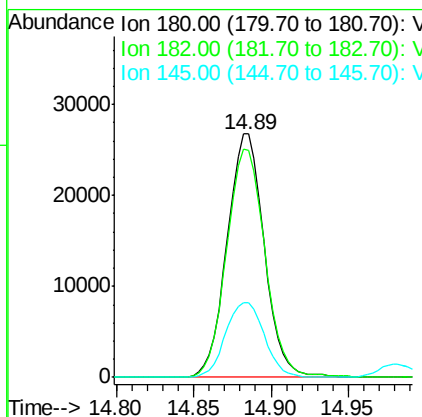
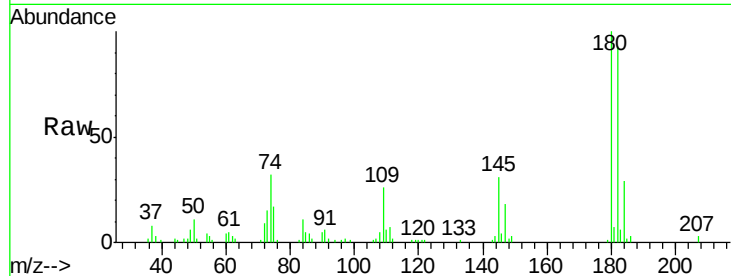
#89
 1,2,4-Trichlorobenzene
 Concen: 18.745 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.5	116.3
145	32.0	26.1	39.1

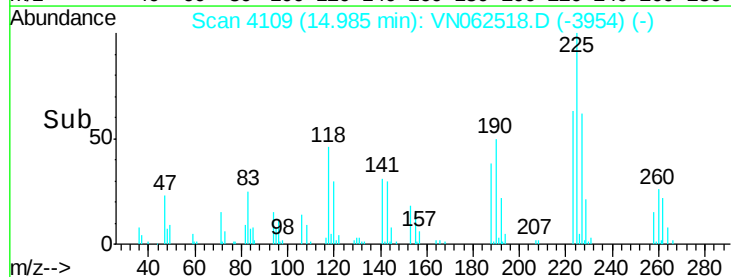
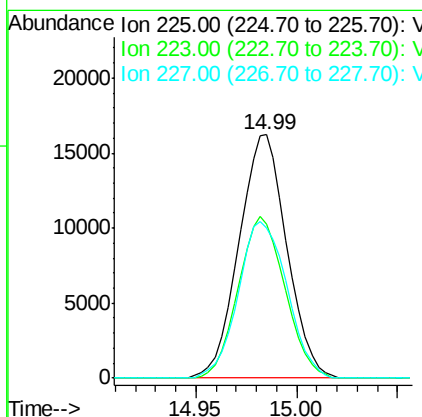
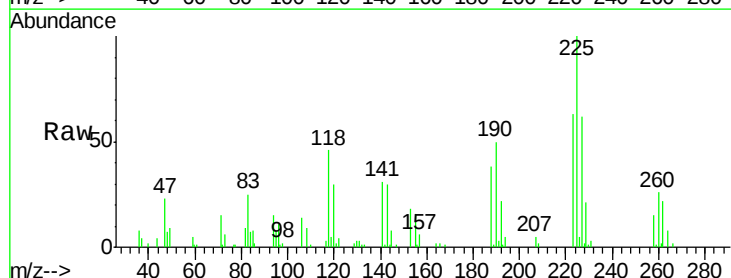
Manual Integrations
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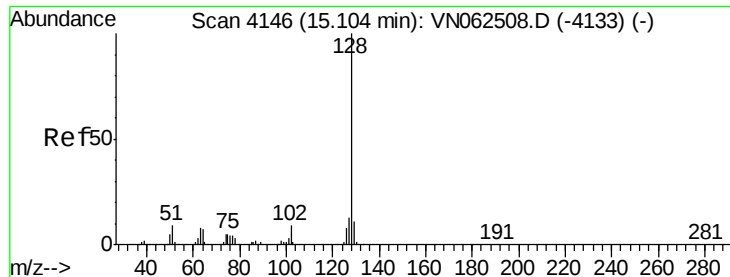
MMDadoda
 7/14/2020 11:37:00 AM



#90
 Hexachlorobutadiene
 Concen: 20.395 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN062518.D
 Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	0.0	120.4
227	65.7	0.0	129.6





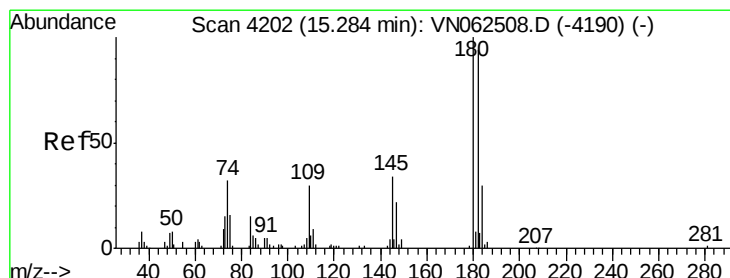
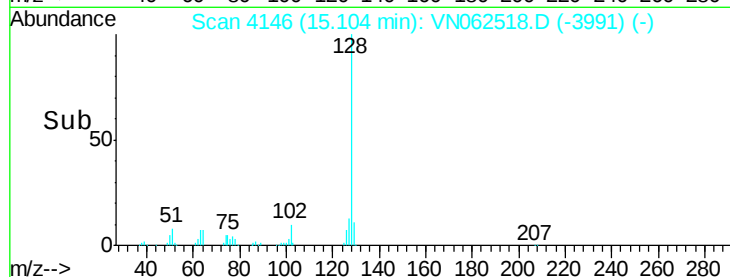
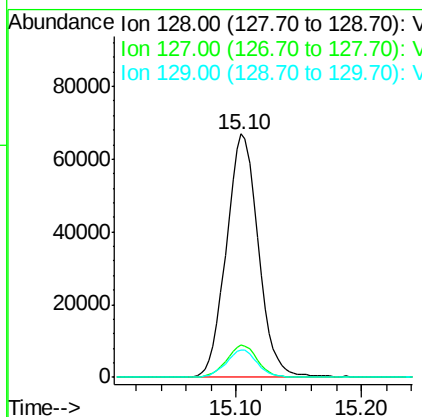
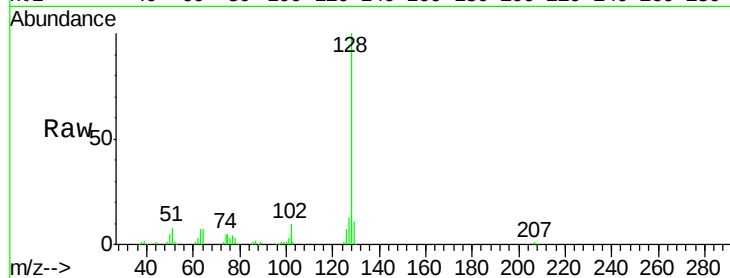
#91
Naphthalene
Concen: 18.380 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/14/2020 11:37:00 AM



#92
1,2,3-Trichlorobenzene
Concen: 19.368 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062518.D
Acq: 13 Jul 2020 16:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	0.0	187.2
145	32.0	0.0	67.8

