

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064505.D
 Acq On : 9 Nov 2020 12:13
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 1:10:31 PM

Quant Time: Nov 09 12:35:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 12:16:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	65889	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	362328	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	342402	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	183229	33.67	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.23%#
60) 4-Bromofluorobenzene	12.38	95	180669	31.02	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.40%
63) Toluene-d8	10.06	98	476346	30.71	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	231456	54.594	ug/l 97
3) Chloromethane	2.04	50	261458	58.288	ug/l 98
4) Vinyl Chloride	2.17	62	281616	60.418	ug/l 98
5) Bromomethane	2.53	94	185920	60.825	ug/l 94
6) Chloroethane	2.67	64	179540	64.835	ug/l 100
7) Trichlorofluoromethane	2.99	101	414810	55.315	ug/l 97
8) Diethyl Ether	3.37	74	147404	61.468	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	191290	51.376	ug/l 49
10) 1,1-Dichloroethene	3.69	96	185655	52.293	ug/l 98
11) Methyl Iodide	3.91	142	239192	51.010	ug/l 96
12) Methyl Acetate	4.29	43	235292	61.568	ug/l 96
13) Acrolein	3.57	56	111209	307.354	ug/l 98
14) Acrylonitrile	4.94	53	519944	305.821	ug/l 99
15) Acetone	3.78	58	174337	297.232	ug/l 98
16) Carbon Disulfide	4.00	76	548558	53.682	ug/l 98
17) Allyl chloride	4.27	41	355317	56.348	ug/l 98
18) Methylene Chloride	4.50	84	218137	52.883	ug/l 97
19) trans-1,2-Dichloroethene	4.99	96	209503	53.498	ug/l 98
20) Diisopropyl ether	5.91	45	770101	57.463	ug/l 97
21) 1,1-Dichloroethane	5.80	63	415545	54.944	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	240766	52.705	ug/l 95
23) tert-Butyl Alcohol	4.76	59	185498	291.571	ug/l # 100
24) Methyl tert-Butyl Ether	5.00	73	675127	53.653	ug/l # 72
25) Chloroform	7.33	83	441200	54.413	ug/l 95
26) Cyclohexane	7.61	56	327562	54.851	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	321649	54.292	ug/l 98
30) 2-Butanone	6.79	43	834968	308.094	ug/l # 82
31) 2,2-Dichloropropane	6.78	77	385666	53.501	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	398025	52.227	ug/l 97
33) Carbon Tetrachloride	7.74	117	350753	51.149	ug/l 98
34) Benzene	8.00	78	928786	55.485	ug/l # 92
35) Methacrylonitrile	7.13	41	161821	61.286	ug/l 97
36) 1,2-Dichloroethane	8.09	62	379408	54.945	ug/l 99
37) Trichloroethene	8.80	130	233958	50.674	ug/l 99
38) Methylcyclohexane	9.05	83	289679	54.395	ug/l 99
39) 1,2-Dichloropropane	9.08	63	251344	57.768	ug/l 98
40) Dibromomethane	9.17	93	171614	55.281	ug/l 100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	364425	55.373	ug/l	98
42) Vinyl Acetate	5.85	43	3328646	293.452	ug/l	100
43) Ethyl Acetate	6.89	43	329787	62.653	ug/l	97
44) Isopropyl Acetate	8.13	43	549865	59.735	ug/l	97
45) 1,4-Dioxane	9.17	88	82099	1248.472	ug/l	99
46) Methyl methacrylate	9.17	41	272725	59.959	ug/l	99
47) n-amyl Acetate	12.05	43	491788	62.667	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	391330	54.199	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	406741	54.486	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	233802	56.201	ug/l	97
51) Ethyl methacrylate	10.40	69	347414	58.256	ug/l	95
52) 1,3-Dichloropropane	10.68	76	398185	56.829	ug/l	99
53) Dibromochloromethane	10.87	129	267022	52.587	ug/l	100
54) 1,2-Dibromoethane	10.98	107	245170	55.632	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	901704	277.570	ug/l	99
56) Bromoform	12.10	173	176971	49.664	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	1717436	309.493	ug/l	100
59) 2-Hexanone	10.72	43	1308310	317.704	ug/l	98
61) Tetrachloroethene	10.60	164	214741	47.056	ug/l	98
62) Toluene	10.13	91	1027007	53.197	ug/l	100
64) Chlorobenzene	11.41	112	609308	50.955	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	236809	51.084	ug/l	99
66) Ethyl Benzene	11.48	91	1137053	53.953	ug/l	100
67) m/p-Xylenes	11.59	106	837972	105.632	ug/l	98
68) o-Xylene	11.92	106	396135	52.074	ug/l	96
69) Styrene	11.94	104	697302	54.608	ug/l	99
70) Isopropylbenzene	12.22	105	1055496	53.524	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	333135	59.171	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	320877m	55.315	ug/l	
73) Bromobenzene	12.50	156	254544	50.396	ug/l	98
74) n-propylbenzene	12.57	91	1245230	56.857	ug/l	100
75) 2-Chlorotoluene	12.65	91	759063	54.794	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	890963	54.358	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	124529	60.354	ug/l	98
78) 4-Chlorotoluene	12.75	91	805061	55.956	ug/l	99
79) tert-butylbenzene	12.97	119	697446	54.129	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	915257	55.450	ug/l	99
81) sec-Butylbenzene	13.14	105	919716	55.502	ug/l	100
82) p-Isopropyltoluene	13.26	119	826895	54.605	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	453132	52.178	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	452465	52.001	ug/l	99
85) n-Butylbenzene	13.59	91	710202	58.492	ug/l	98
86) Hexachloroethane	13.85	117	161776	55.969	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	443497	53.155	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	75323	62.011	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	206448	51.415	ug/l	96
90) Hexachlorobutadiene	14.98	225	94030	44.018	ug/l	99
91) Naphthalene	15.10	128	706242	58.071	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	208254	51.562	ug/l	100

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC050

Manual Integrations
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QLast Update : Mon Nov 09 12:16:00 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

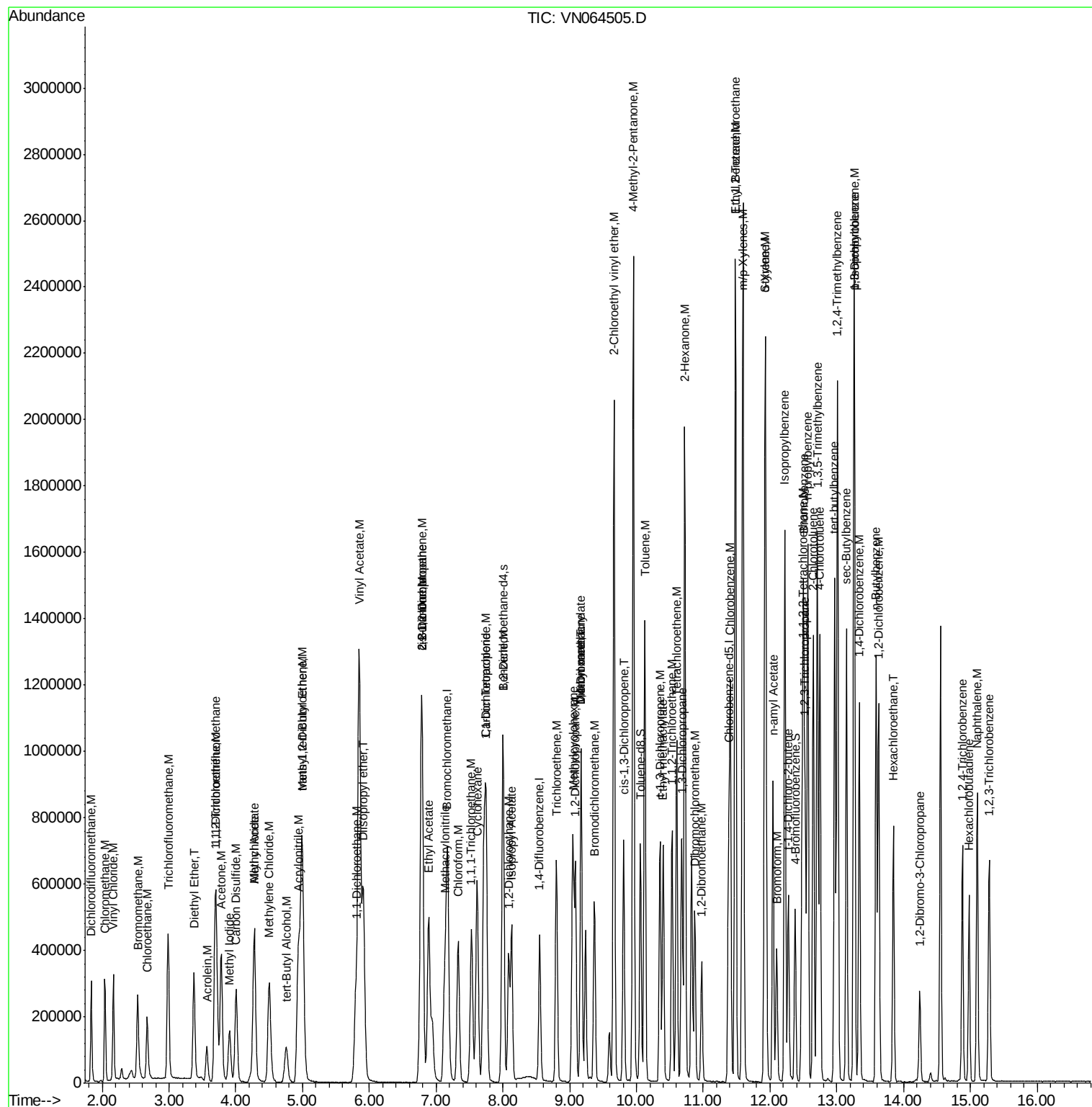
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064505.D
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 Operator : JC/MD
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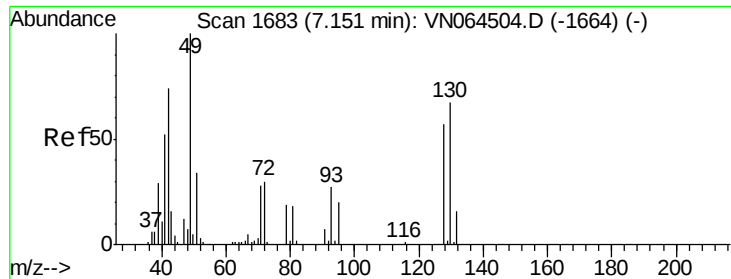
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion:128 Resp: 65889

Ion Ratio Lower Upper

128 100

49 194.4 0.0 475.5

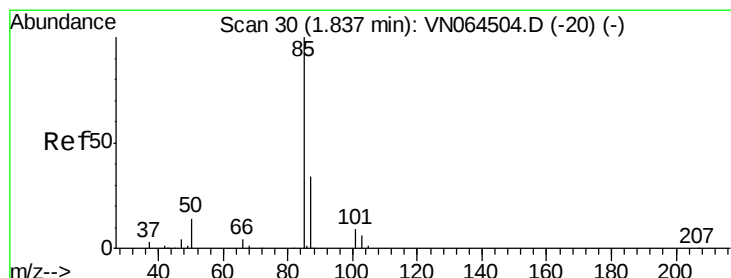
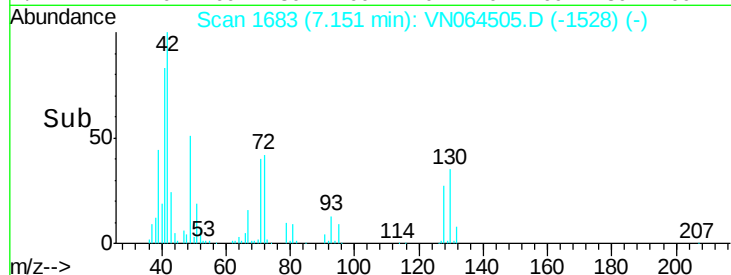
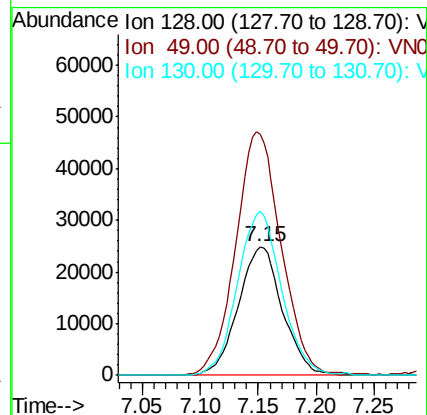
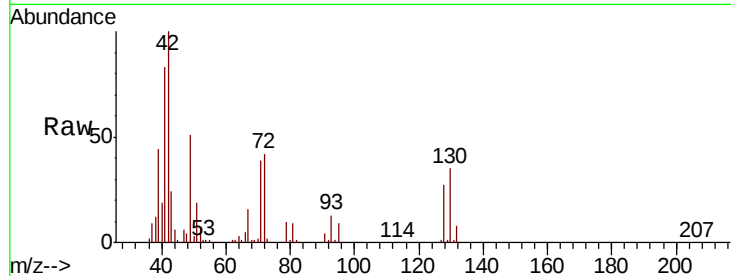
130 127.4 0.0 315.3

Manual Integrations

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11/10/2020 1:10:31 PM



#2

Dichlorodifluoromethane

Concen: 54.594 ug/l

RT: 1.84 min Scan# 30

Delta R.T. -0.00 min

Lab File: VN064505.D

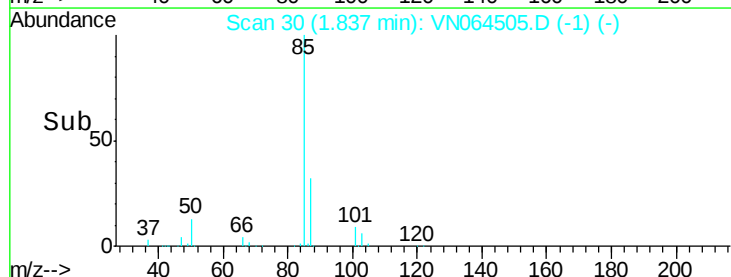
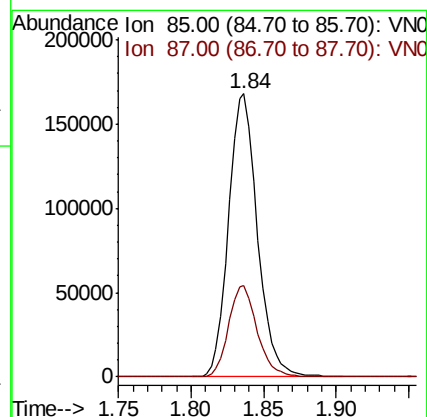
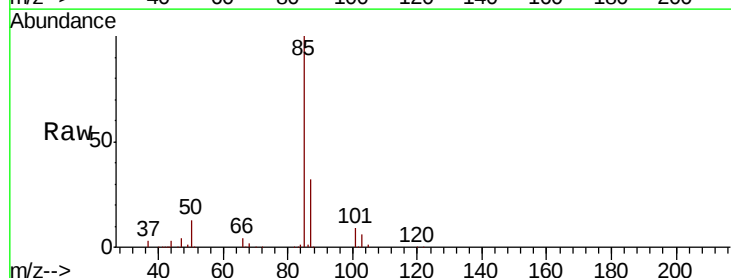
Acq: 9 Nov 2020 12:13

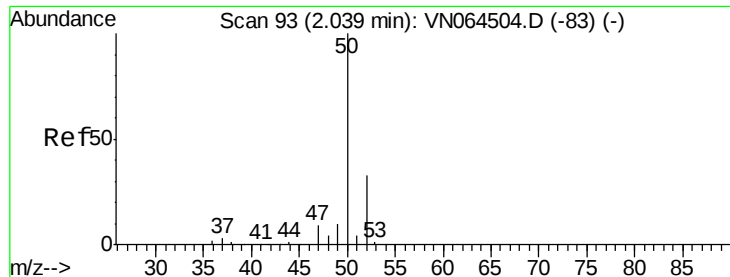
Tgt Ion: 85 Resp: 231456

Ion Ratio Lower Upper

85 100

87 32.1 17.0 50.9





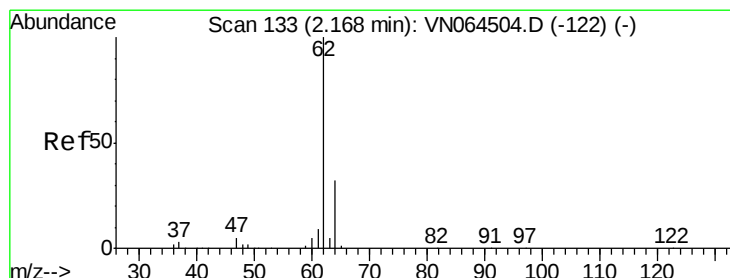
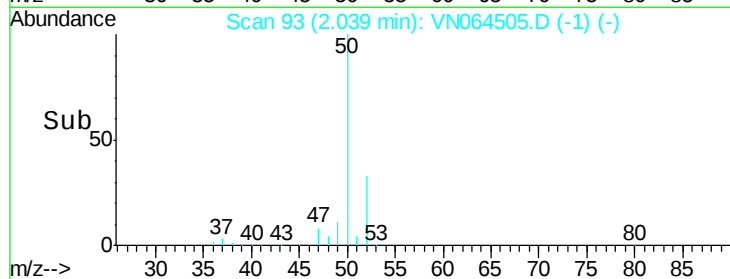
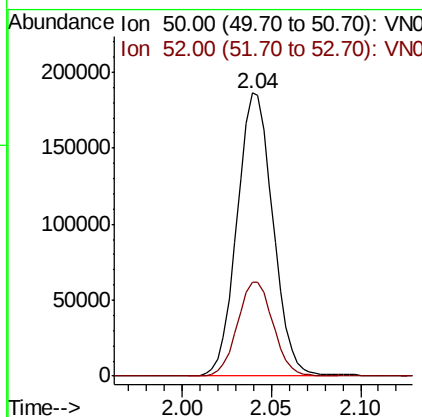
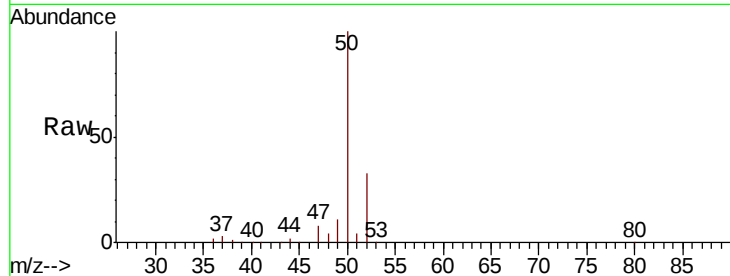
#3
Chloromethane
Concen: 58.288 ug/l
RT: 2.04 min Scan# 93
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion: 50 Resp: 261458
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0

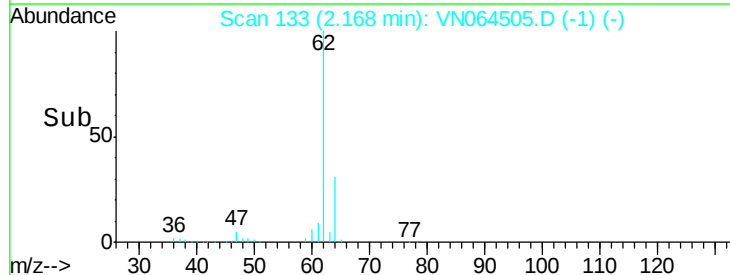
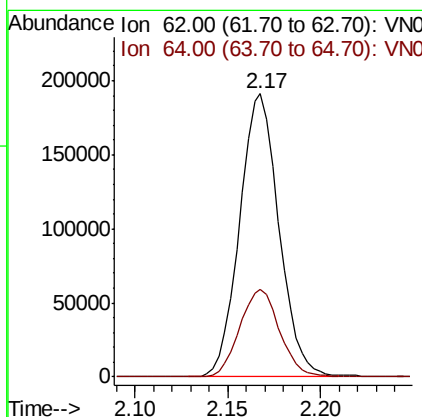
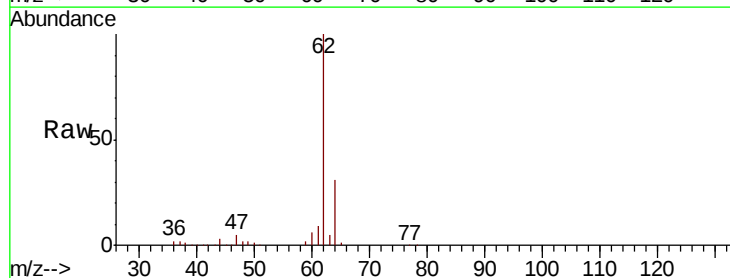
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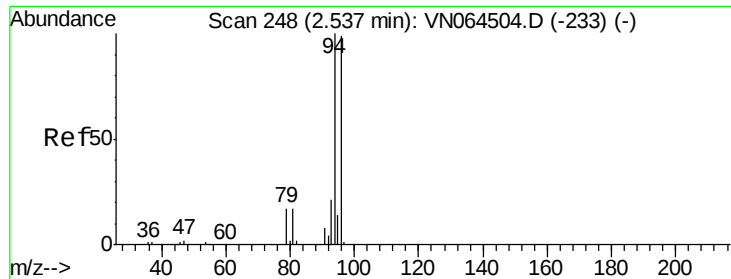
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#4
Vinyl Chloride
Concen: 60.418 ug/l
RT: 2.17 min Scan# 133
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 62 Resp: 281616
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.8





#5

Bromomethane

Concen: 60.825 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 185920

Ion Ratio Lower Upper

94 100

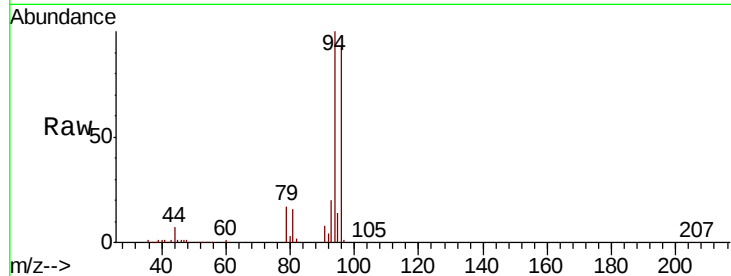
96 92.8 79.3 118.9

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.53

100000

80000

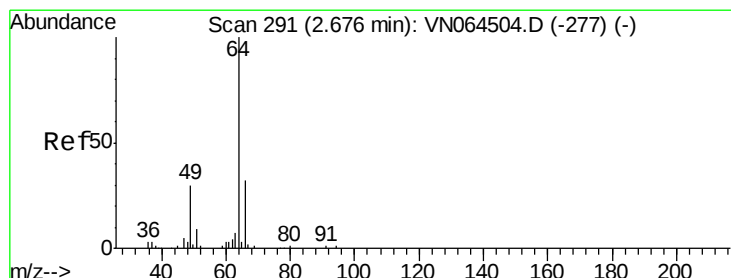
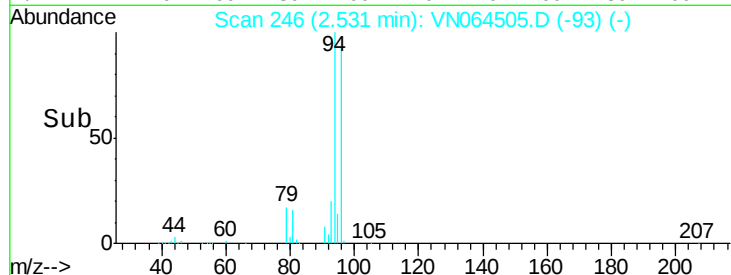
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40000

20000

0

Time-->



#6

Chloroethane

Concen: 64.835 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064505.D

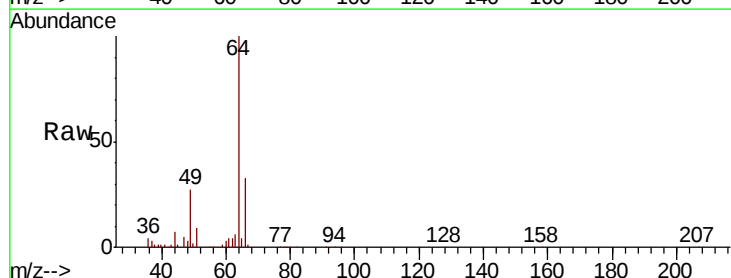
Acq: 9 Nov 2020 12:13

Tgt Ion: 64 Resp: 179540

Ion Ratio Lower Upper

64 100

66 32.4 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.67

100000

80000

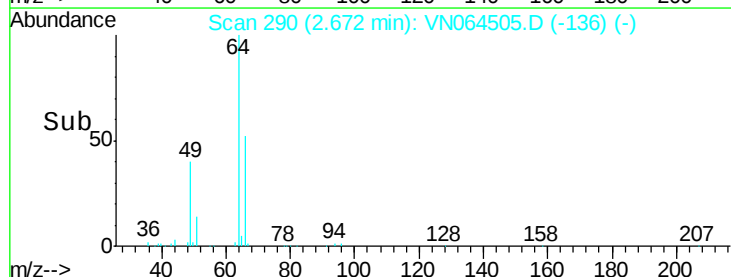
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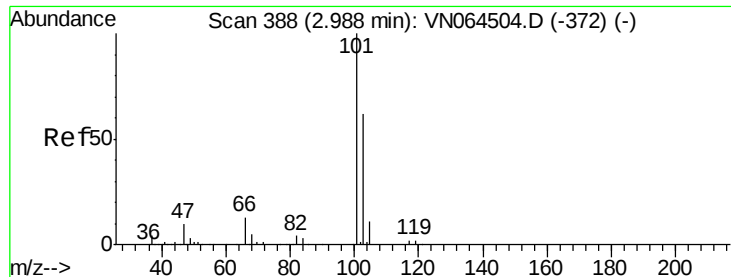
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Time-->





#7

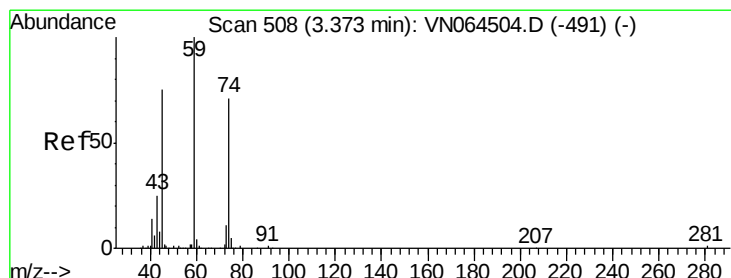
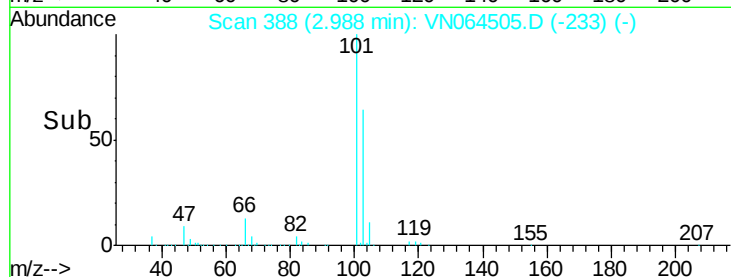
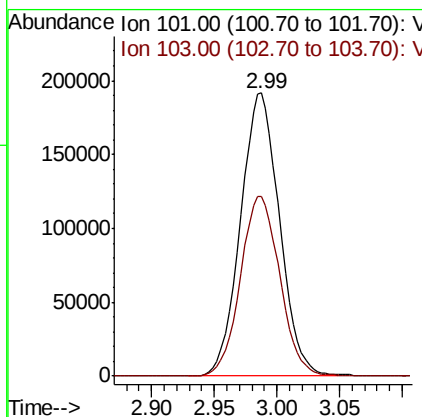
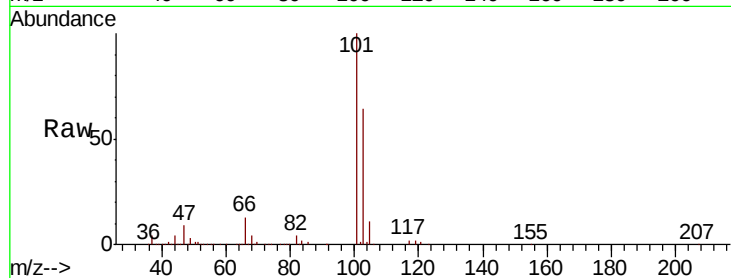
Trichlorofluoromethane
 Concen: 55.315 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	49.3	73.9

Manual Integrations
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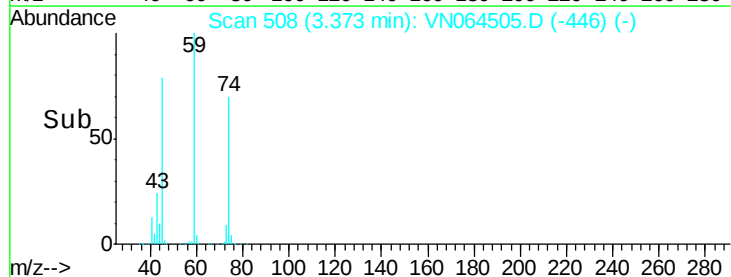
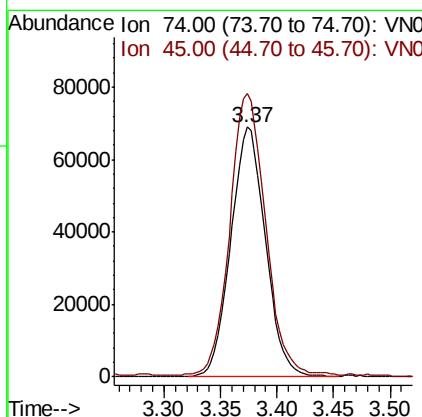
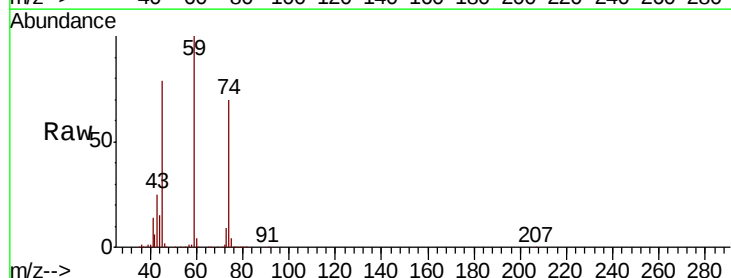
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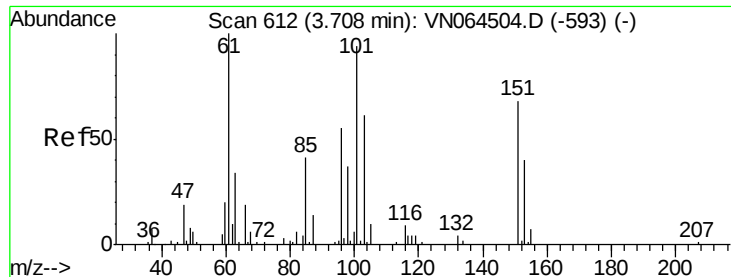


#8

Diethyl Ether
 Concen: 61.468 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	115.6	22.1	198.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.376 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

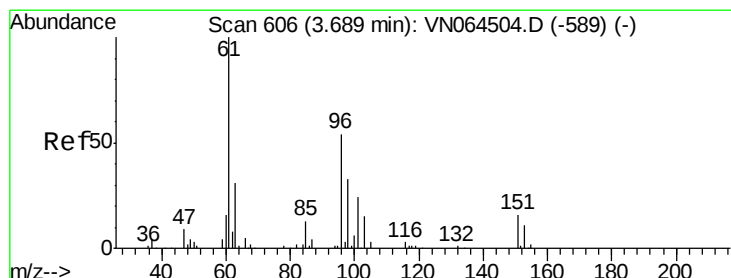
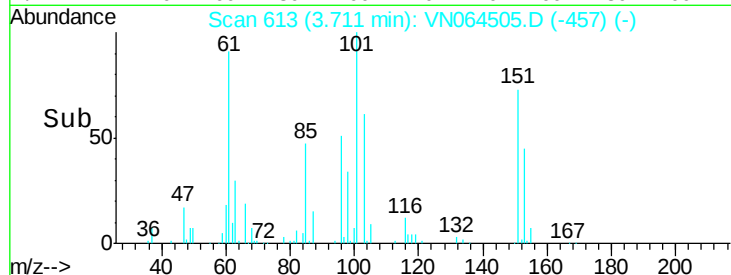
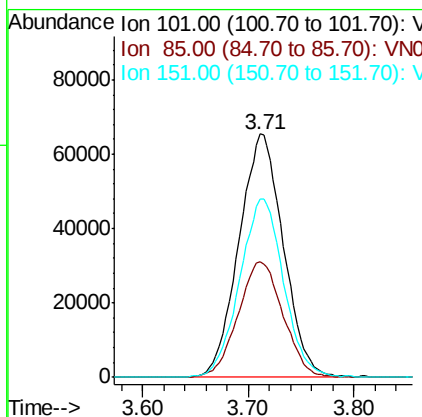
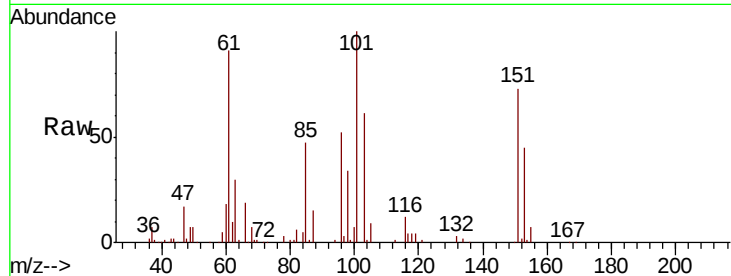
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	191290
Ion Ratio	Lower	Upper	
101	100		
85	48.1	0.0	49.0
151	72.8	0.0	80.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 52.293 ug/l

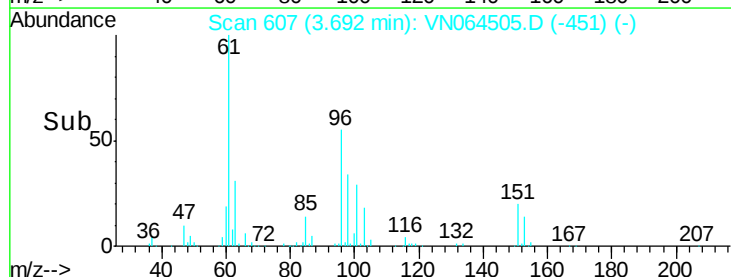
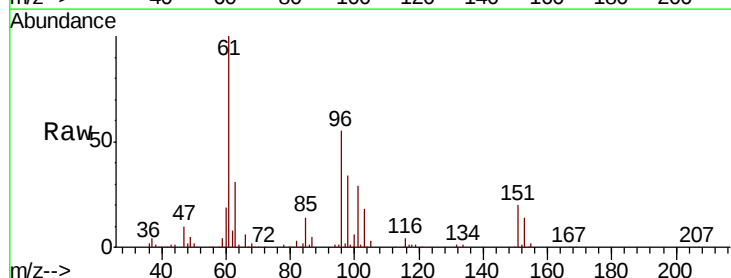
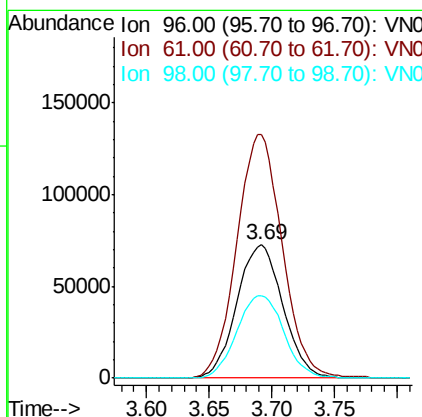
RT: 3.69 min Scan# 607

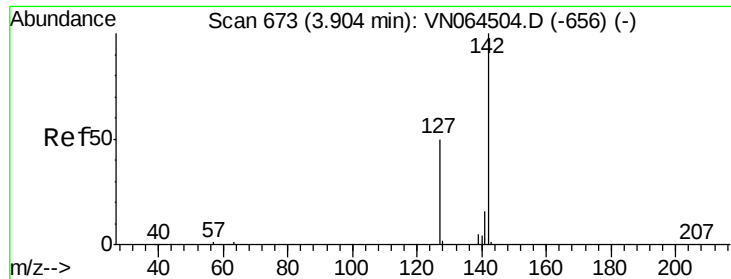
Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Tgt Ion:	96	Resp:	185655
Ion Ratio	Lower	Upper	
96	100		
61	182.3	149.2	223.8
98	61.8	49.6	74.4





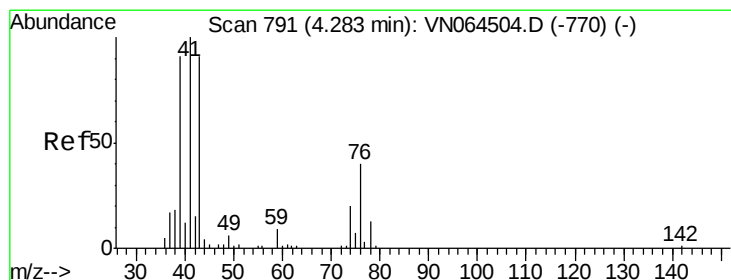
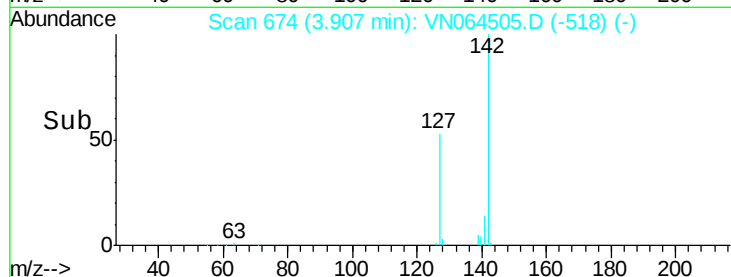
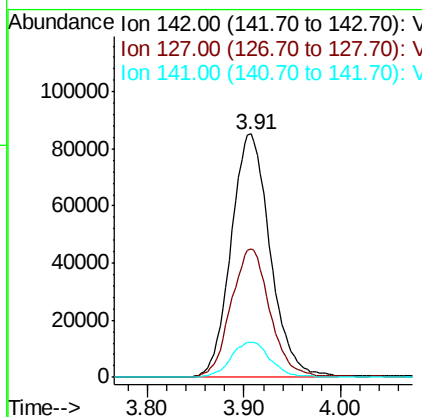
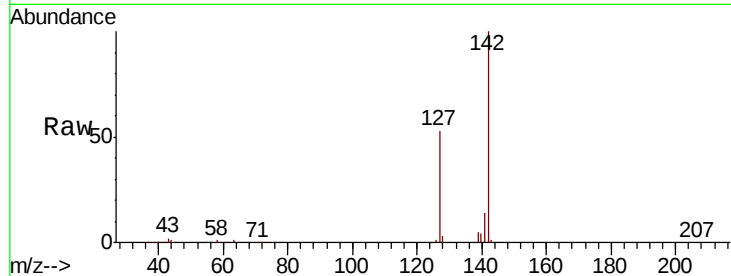
#11
Methyl Iodide
Concen: 51.010 ug/l
RT: 3.91 min Scan# 674
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	52.8	24.7	74.1
141	14.4	7.8	23.3

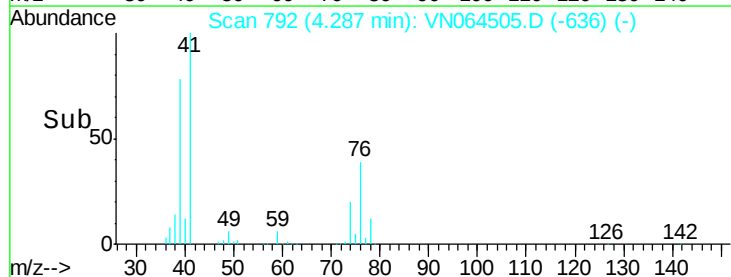
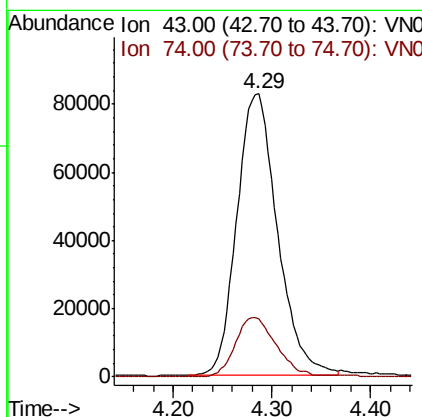
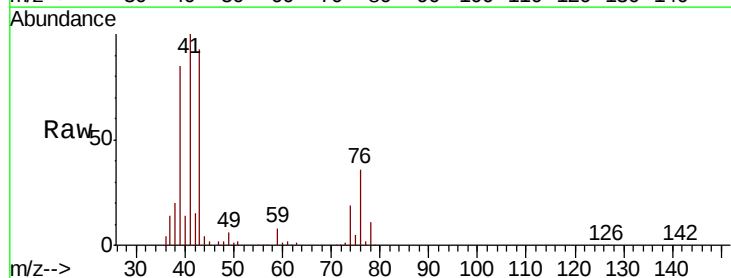
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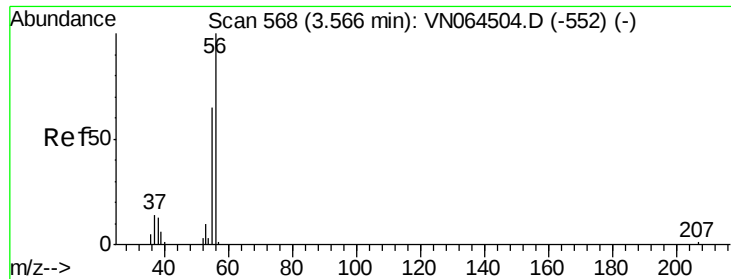
MMDadoda
11/10/2020 1:10:31 PM



#12
Methyl Acetate
Concen: 61.568 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	17.7	26.5





#13

Acrolein

Concen: 307.354 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 111209

Ion Ratio Lower Upper

56 100

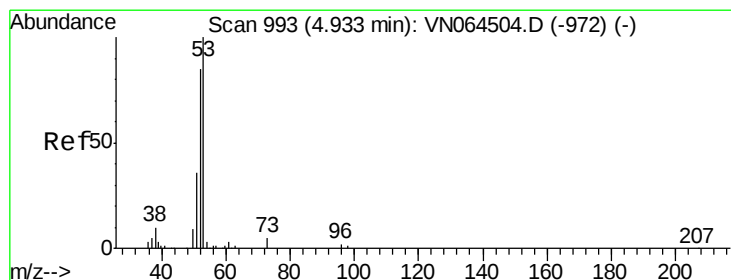
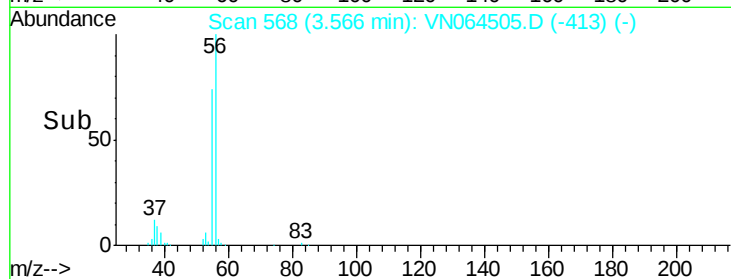
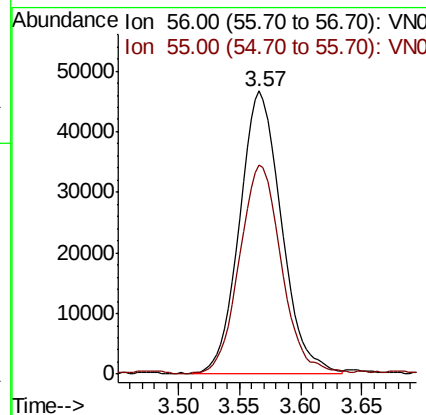
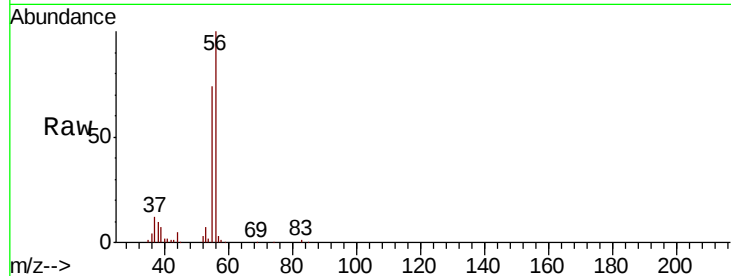
55 74.3 58.2 87.2

Manual Integrations

APPROVED

MMDadoda

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#14

Acrylonitrile

Concen: 305.821 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

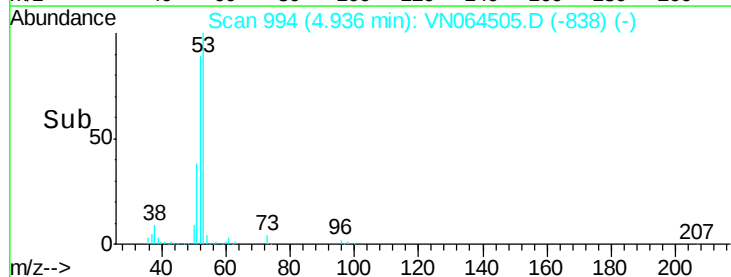
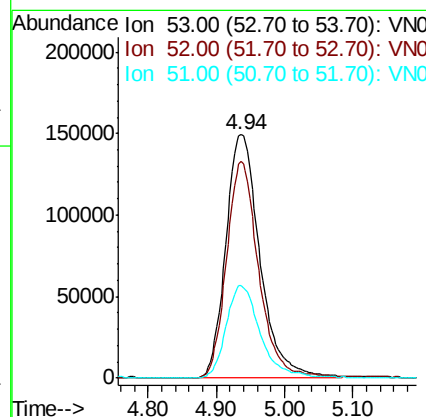
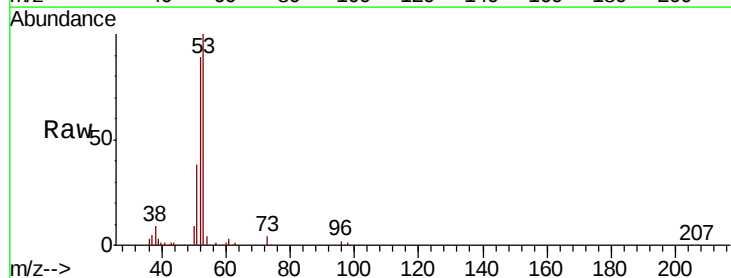
Tgt Ion: 53 Resp: 519944

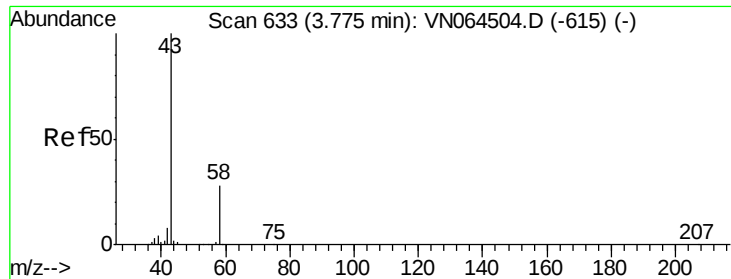
Ion Ratio Lower Upper

53 100

52 83.4 41.3 124.1

51 38.1 18.9 56.5





#15

Acetone

Concen: 297.232 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Tot Ion: 58 Resp: 174337

Ion Ratio Lower Upper

58 100

43 367.3 289.8 434.8

Instrument :

MSVOA_N

ClientSampleId :

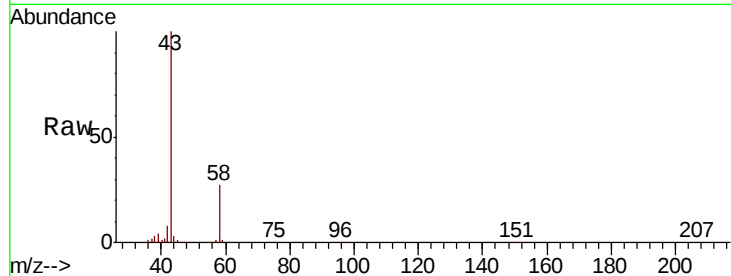
VSTDIC050

Manual Integrations

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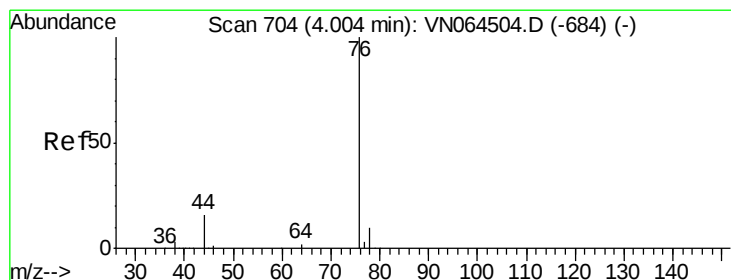
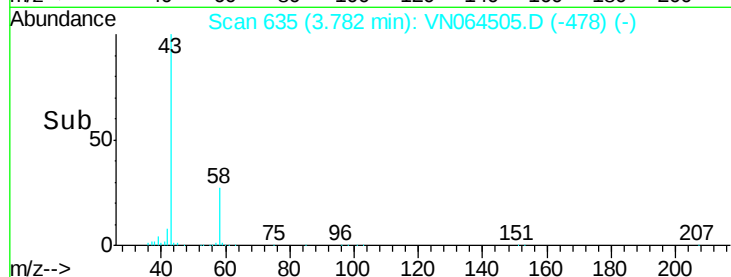
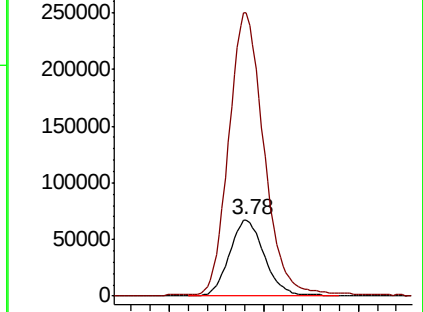
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VN064505.D (-478) (-)

Ion 43.00 (42.70 to 43.70): VN064505.D (-478) (-)



#16

Carbon Disulfide

Concen: 53.682 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN064505.D

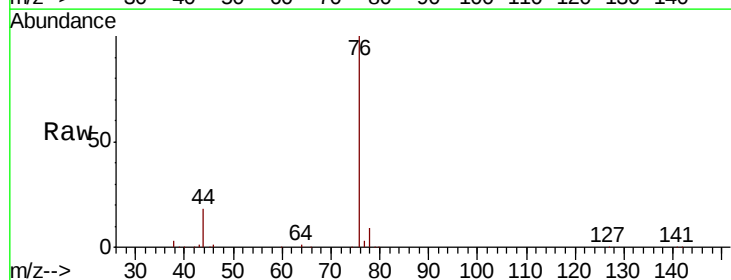
Acq: 9 Nov 2020 12:13

Tgt Ion: 76 Resp: 548558

Ion Ratio Lower Upper

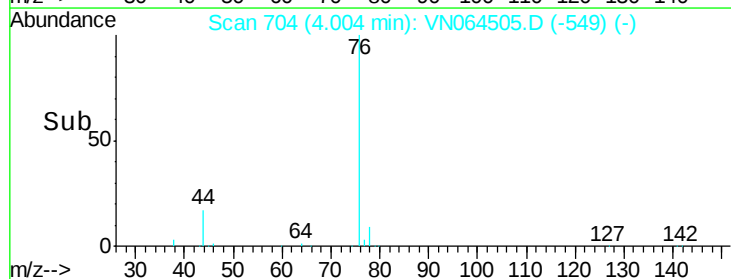
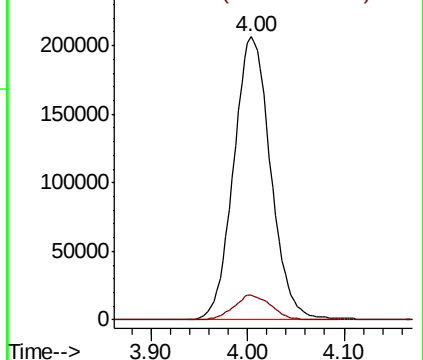
76 100

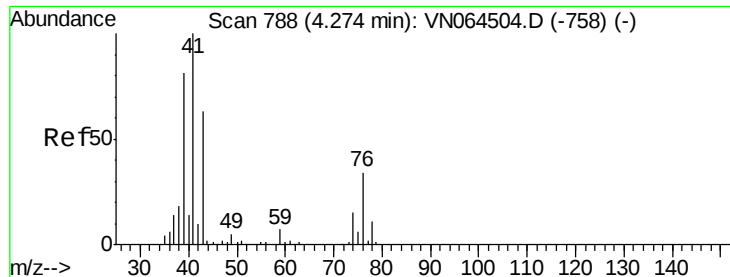
78 8.6 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN064505.D (-549) (-)

Ion 78.00 (77.70 to 78.70): VN064505.D (-549) (-)





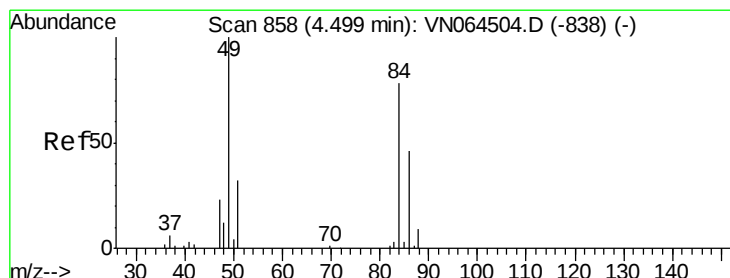
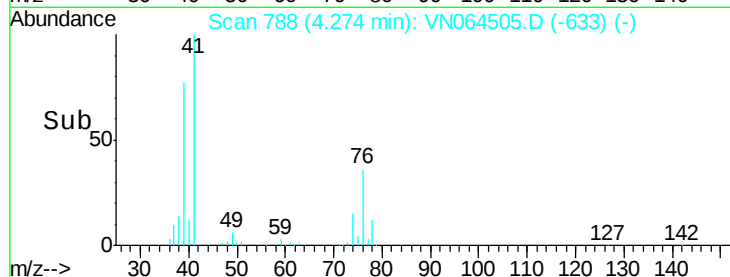
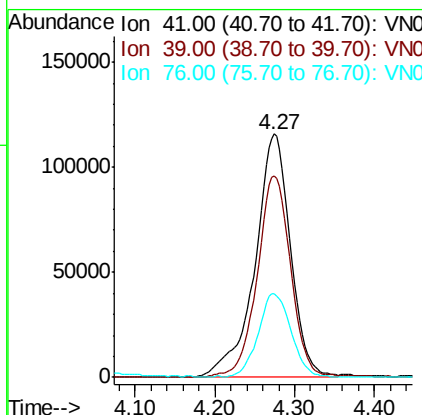
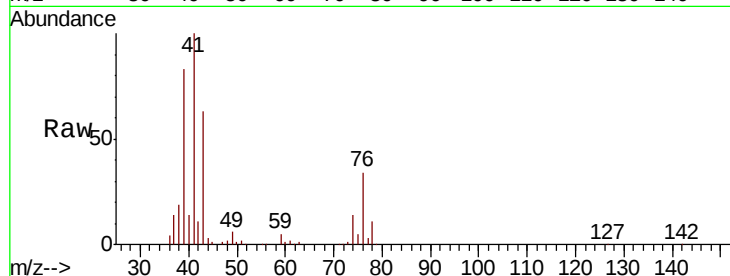
#17
Allvl chloride
Concen: 56.348 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion:	41	Resp:	355317
Ion	Ratio	Lower	Upper
41	100		
39	82.7	40.3	120.8
76	33.9	16.8	50.3

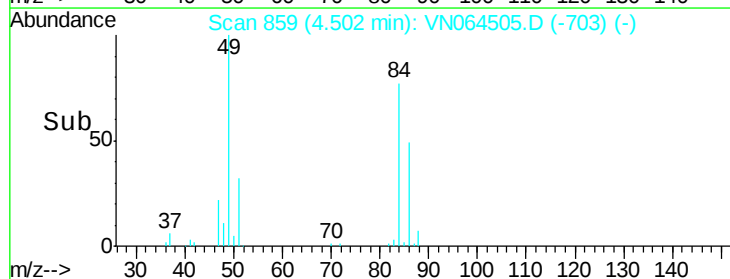
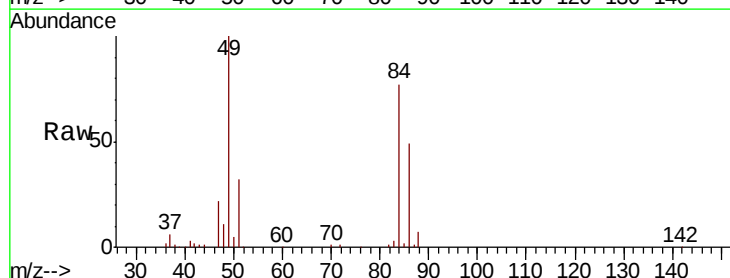
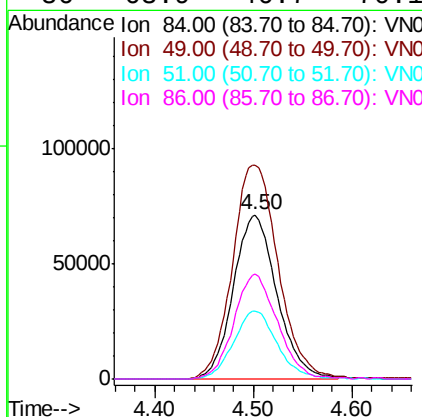
Manual Integrations
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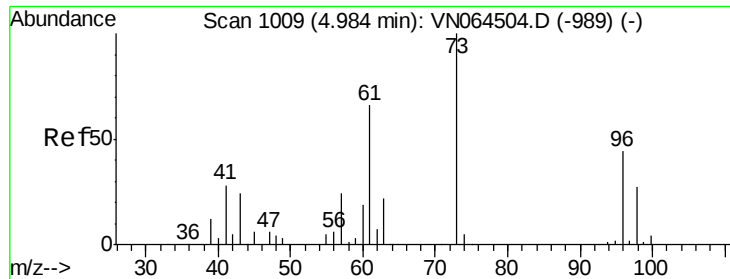
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#18
Methylene Chloride
Concen: 52.883 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion:	84	Resp:	218137
Ion	Ratio	Lower	Upper
84	100		
49	129.7	102.1	153.1
51	41.3	32.6	48.8
86	63.9	46.7	70.1





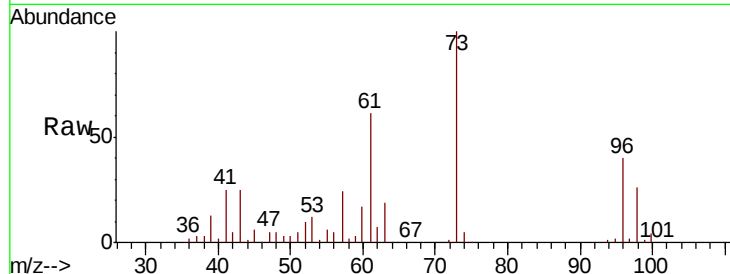
#19
trans-1,2-Dichloroethene
Concen: 53.498 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.3	120.1	180.1
98	64.7	49.1	73.7

Manual Integrations
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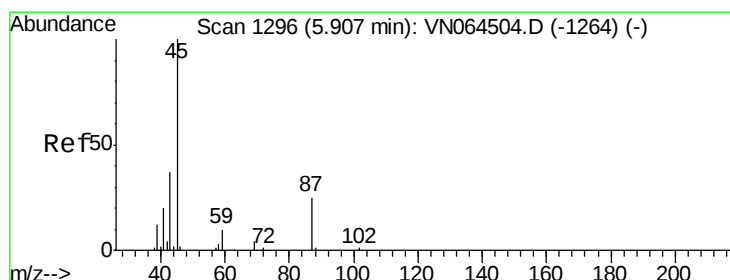
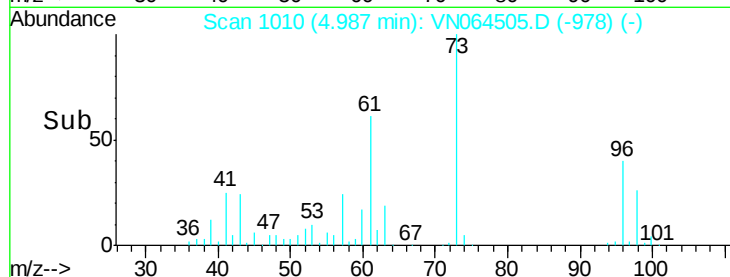
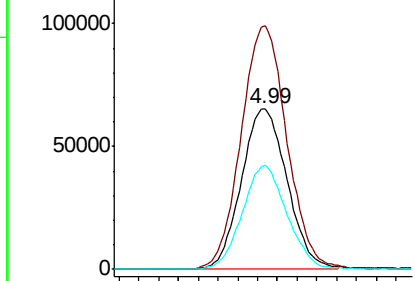


Abundance

Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20
Diisopropyl ether
Concen: 57.463 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.7	53.1	79.7
87	25.7	21.0	31.6
59	10.7	8.2	12.4

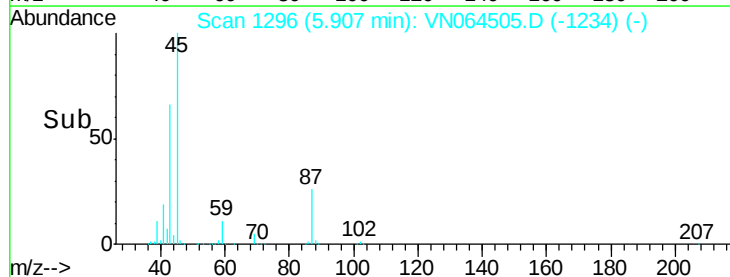
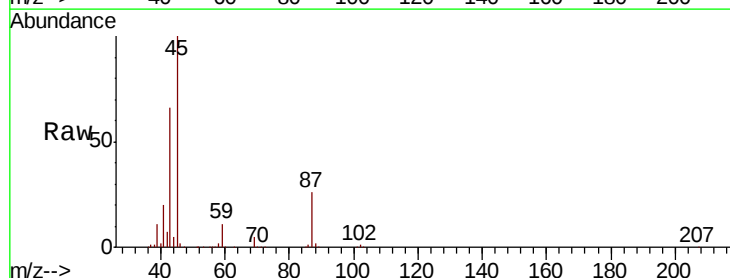
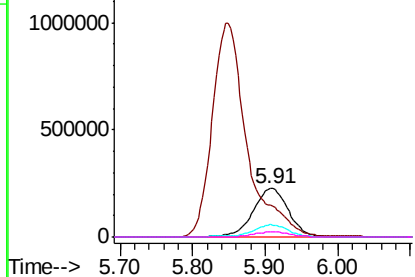
Abundance

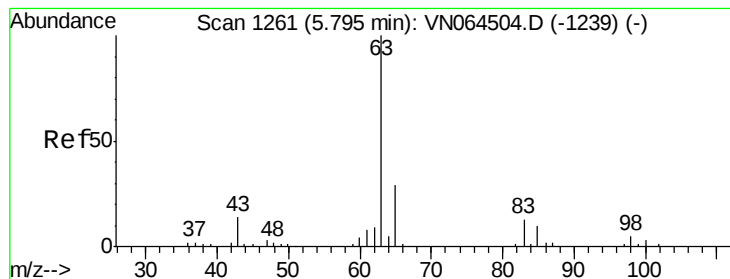
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 54.944 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

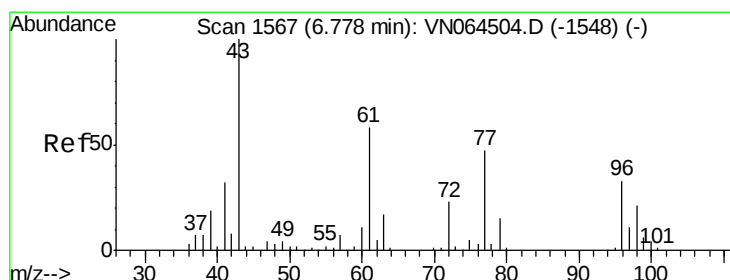
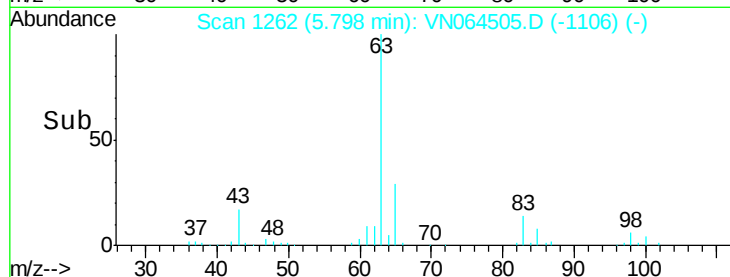
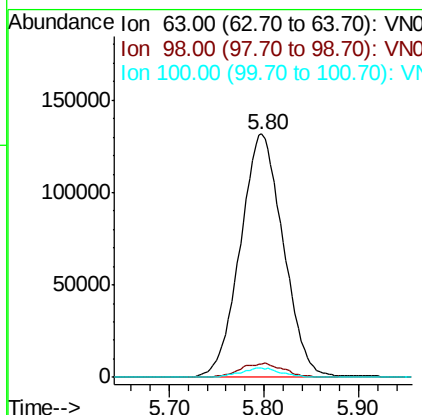
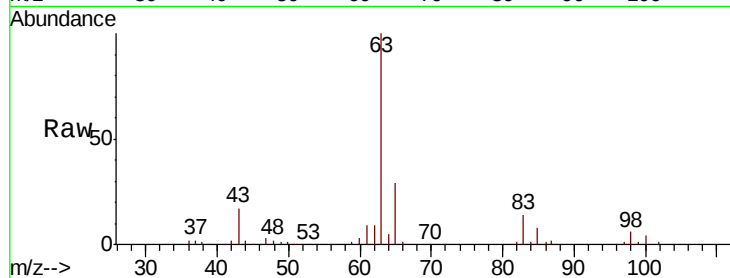
ClientSampleId :

VSTDIC050

Tot Ion:	63	Resp:	415545
Ion Ratio	Lower	Upper	
63	100		
98	5.6	2.6	8.0
100	3.8	1.7	5.1

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 52.705 ug/l

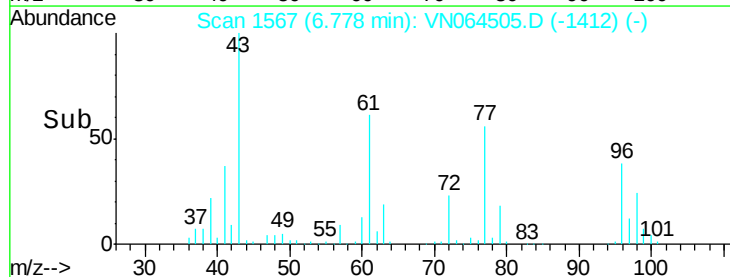
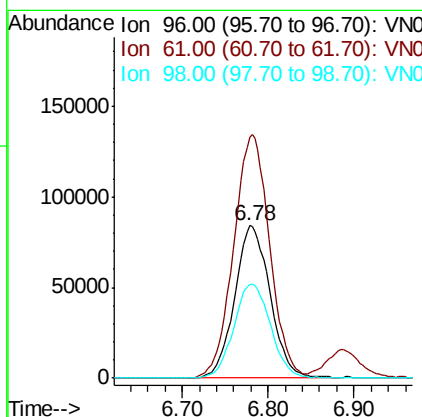
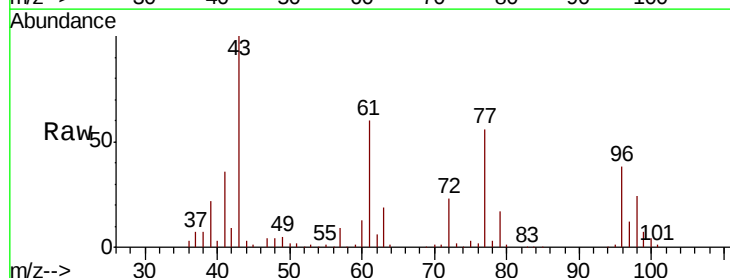
RT: 6.78 min Scan# 1567

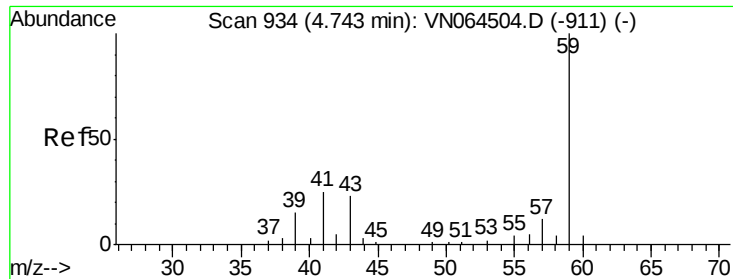
Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Tgt Ion:	96	Resp:	240766
Ion Ratio	Lower	Upper	
96	100		
61	161.7	136.1	204.1
98	63.7	51.8	77.8





#23

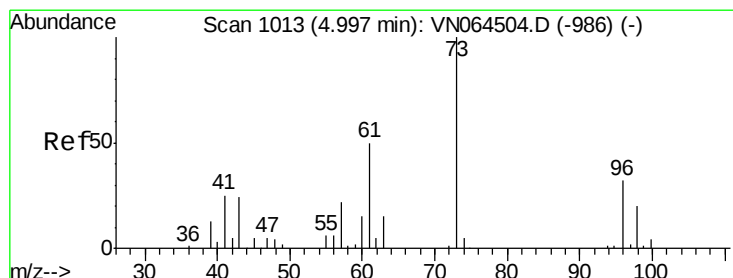
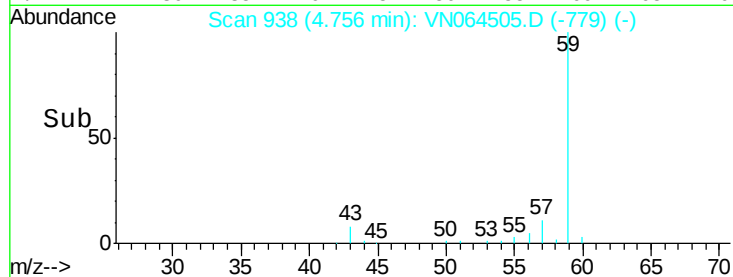
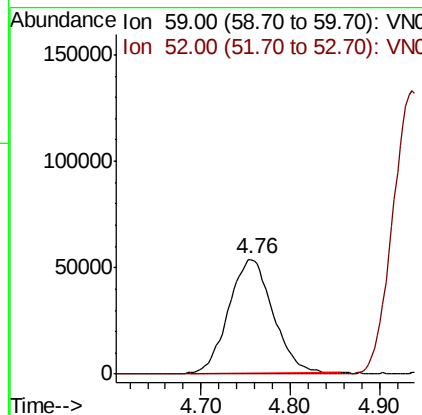
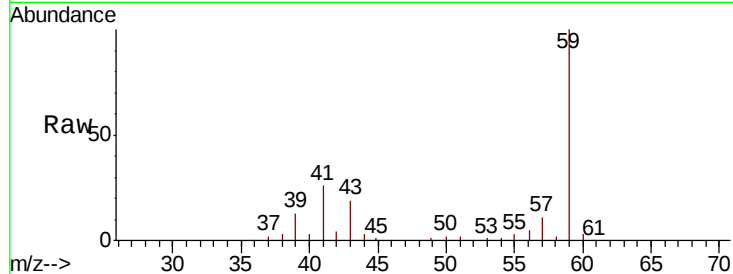
tert-Butyl Alcohol
 Concen: 291.571 ug/l
 RT: 4.76 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion: 59 Resp: 185498
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0#

Manual Integrations
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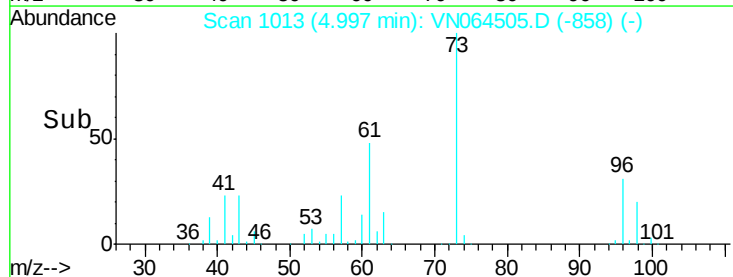
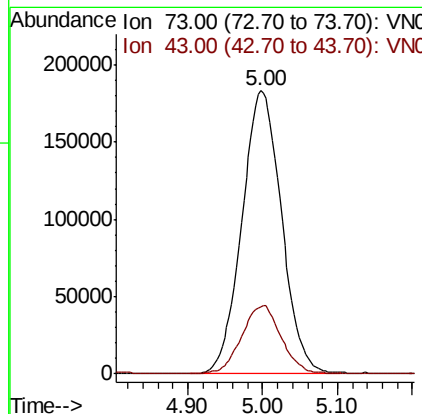
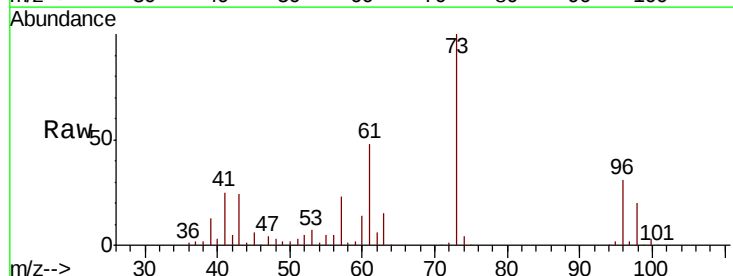
MMDadoda
 11/10/2020 1:10:31 PM

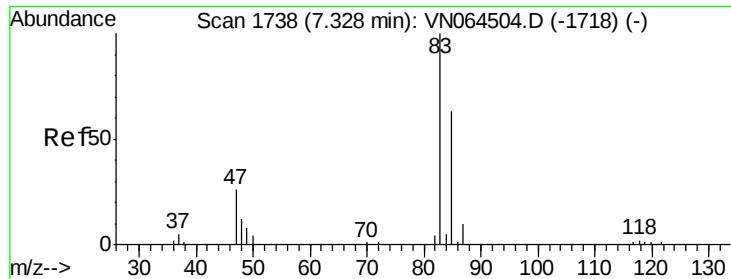


#24

Methyl tert-Butyl Ether
 Concen: 53.653 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 73 Resp: 675127
 Ion Ratio Lower Upper
 73 100
 43 23.7 10.2 15.2#





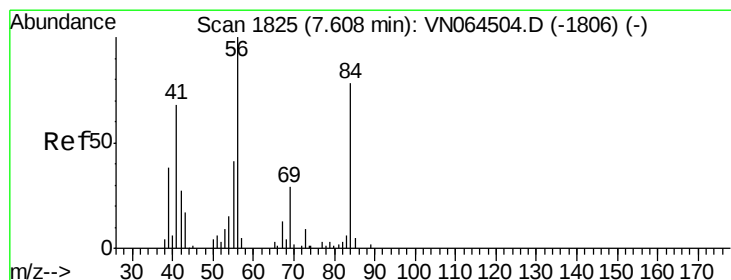
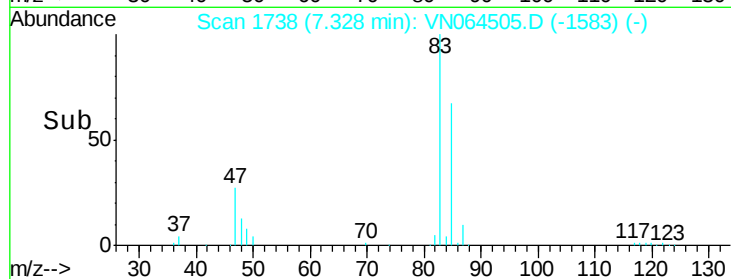
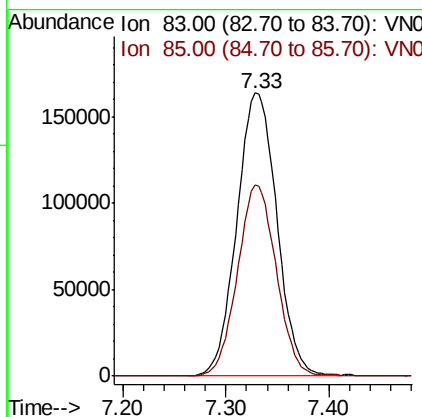
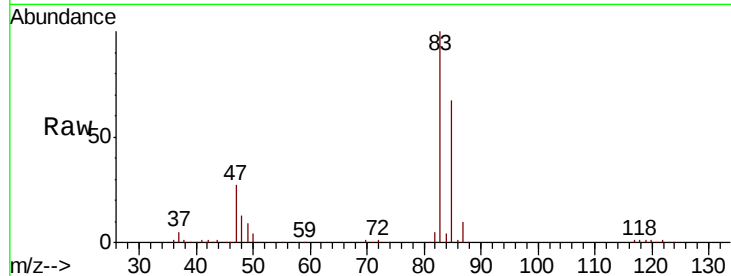
#25
Chloroform
Concen: 54.413 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion: 83 Resp: 441200
Ion Ratio Lower Upper
83 100
85 67.4 50.6 75.8

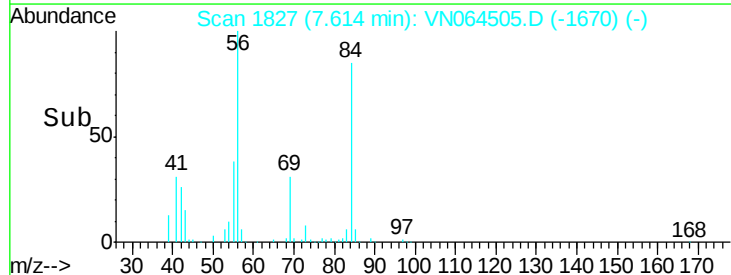
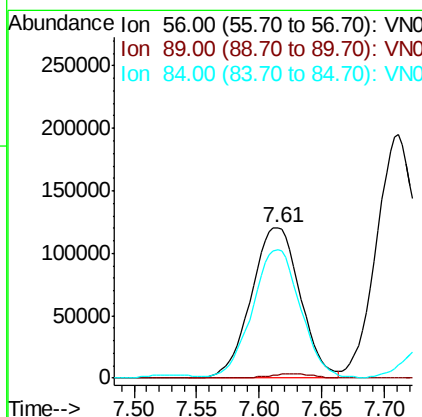
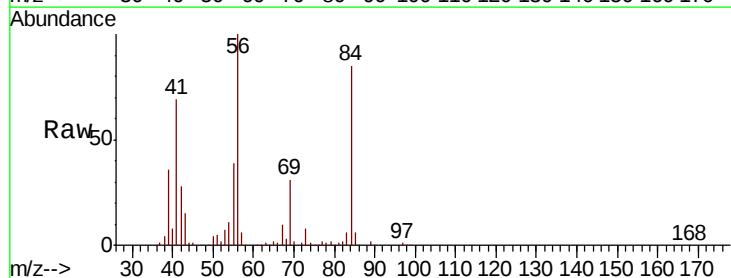
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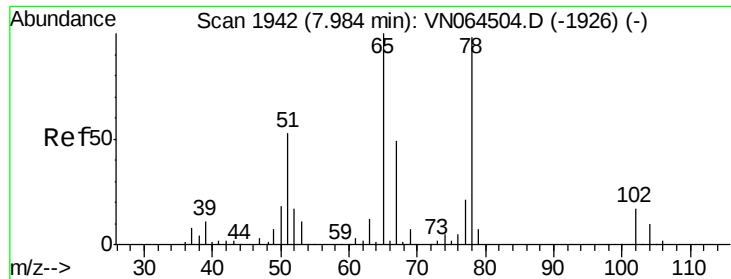
MMDadoda
11/10/2020 1:10:31 PM



#26
Cyclohexane
Concen: 54.851 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 56 Resp: 327562
Ion Ratio Lower Upper
56 100
89 2.6 0.6 0.8#
84 82.8 66.1 99.1





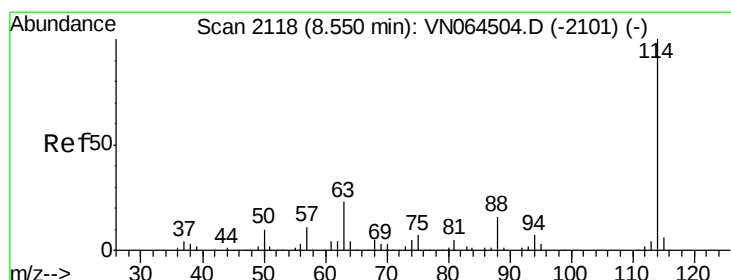
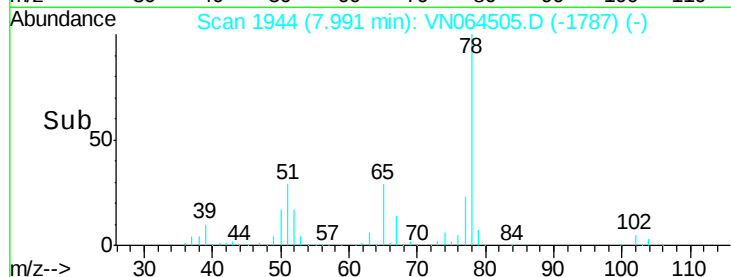
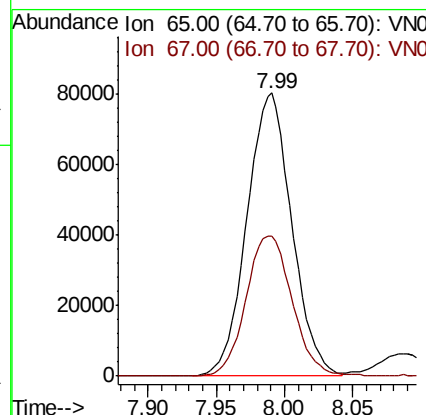
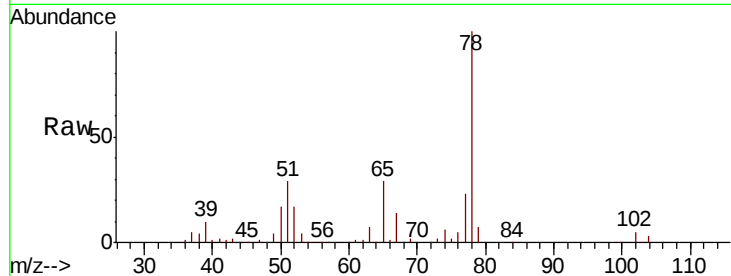
#27
 1,2-Dichloroethane-d4
 Concen: 33.666 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.01 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion: 65 Resp: 183229
 Ion Ratio Lower Upper
 65 100
 67 50.8 41.1 61.7

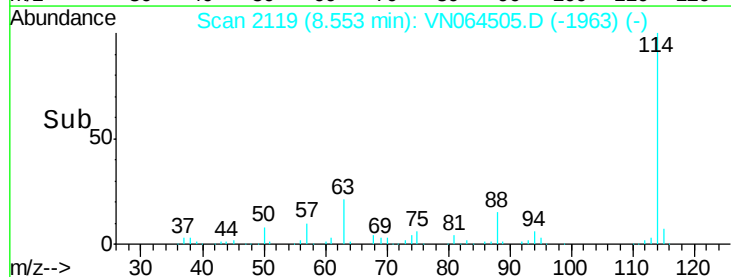
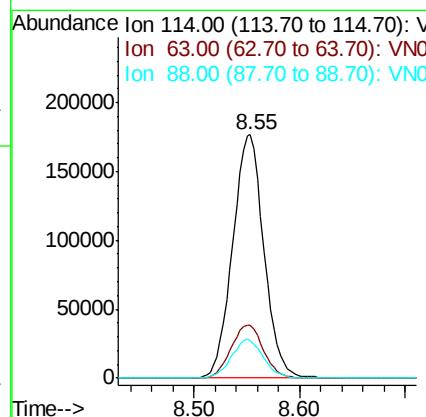
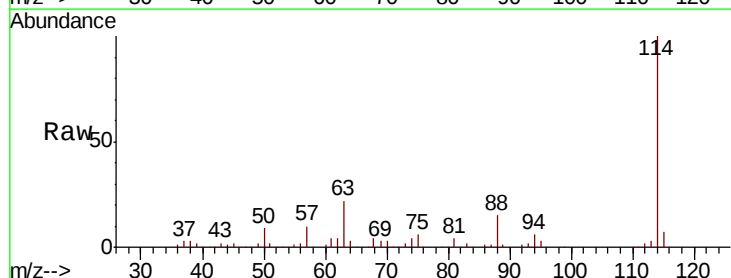
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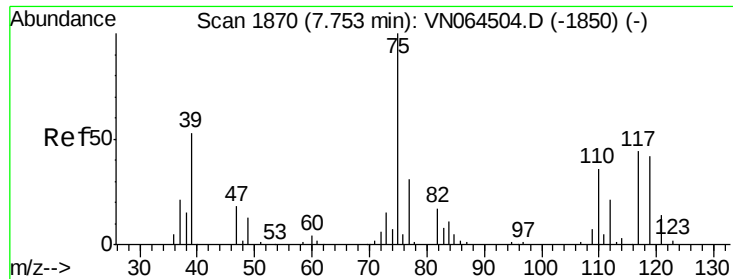
MMDadoda
 11/10/2020 1:10:31 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 114 Resp: 362328
 Ion Ratio Lower Upper
 114 100
 63 22.6 18.5 27.7
 88 16.1 13.0 19.6





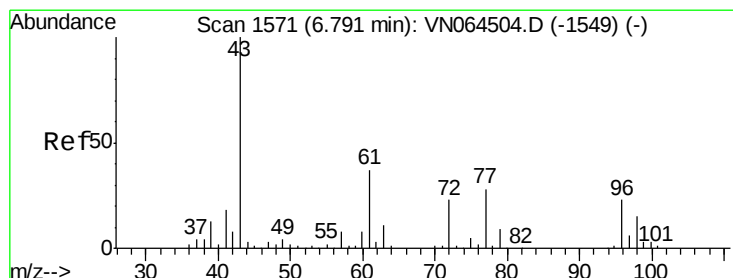
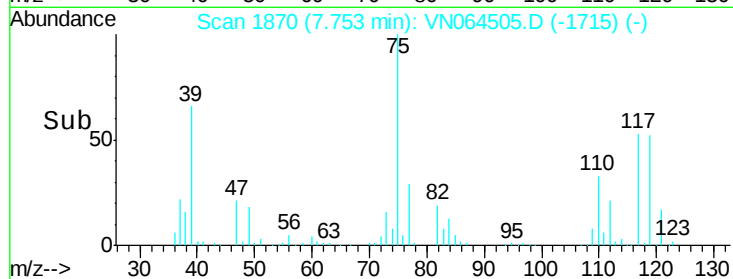
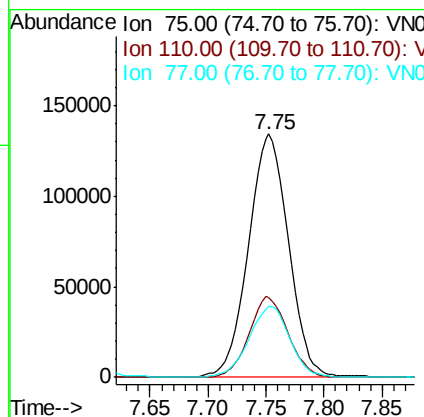
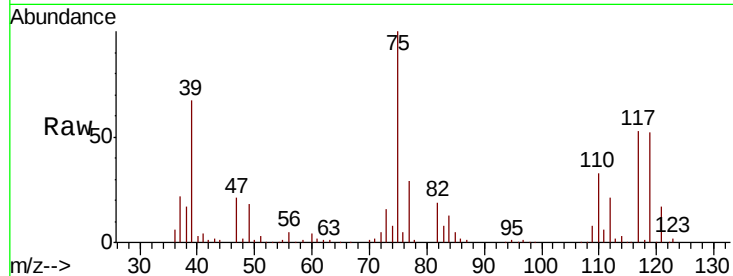
#29
 1,1-Dichloropropene
 Concen: 54.292 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.5	0.0	66.4
77	29.7	0.0	62.0

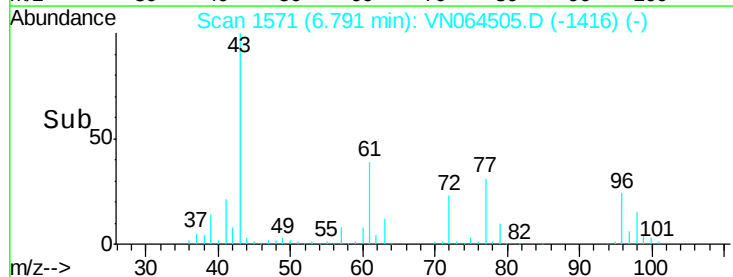
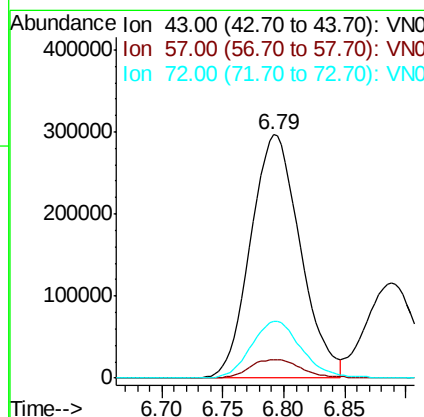
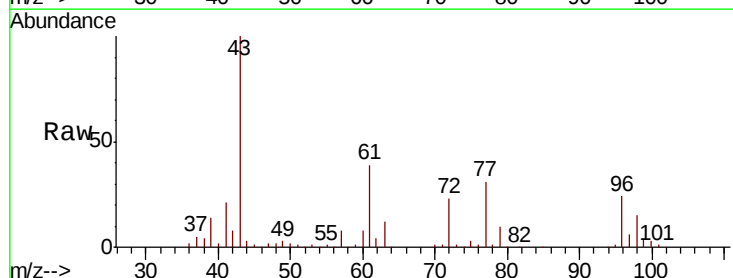
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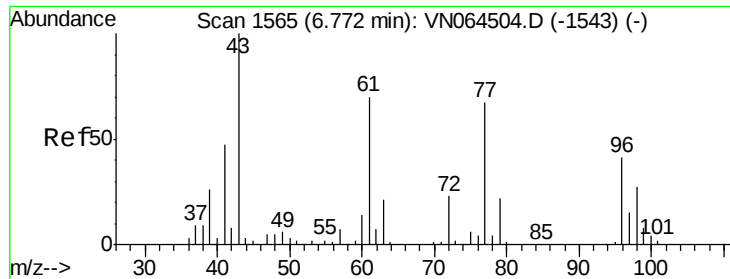
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#30
 2-Butanone
 Concen: 308.094 ug/l
 RT: 6.79 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.4
72	23.8	9.9	14.9#





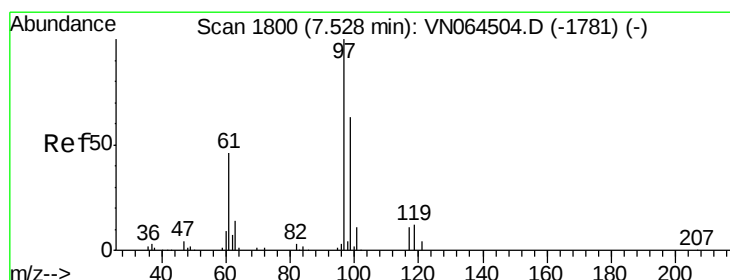
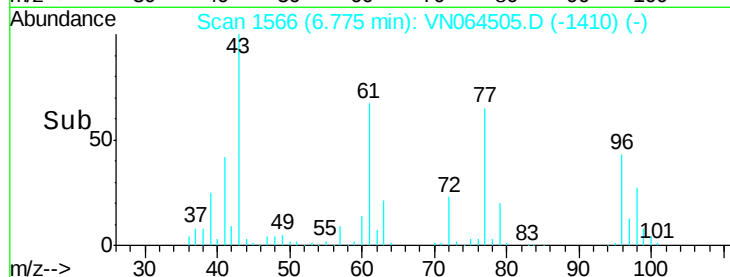
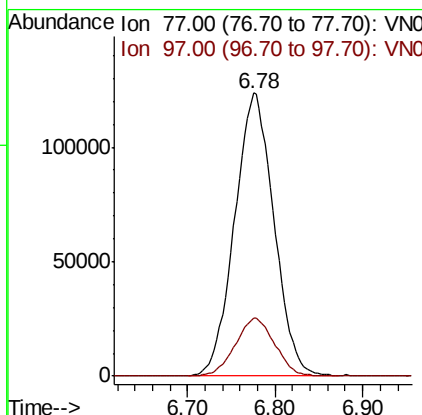
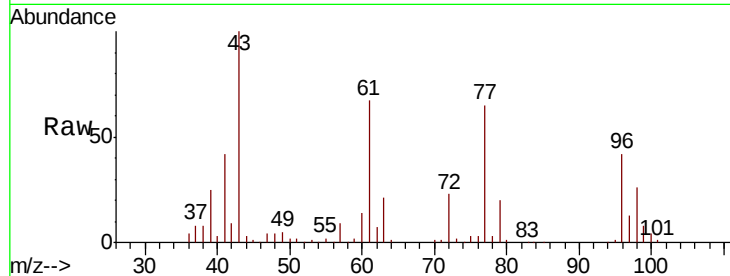
#31
 2,2-Dichloropropane
 Concen: 53.501 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
97	20.5	16.9	25.3

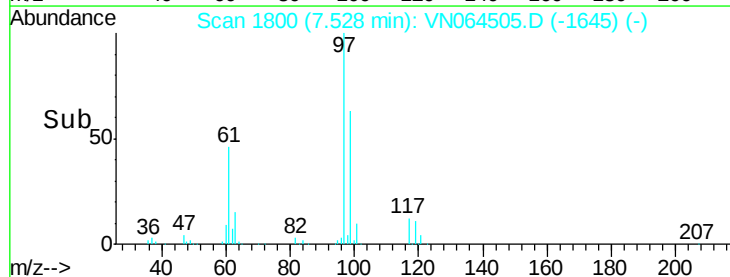
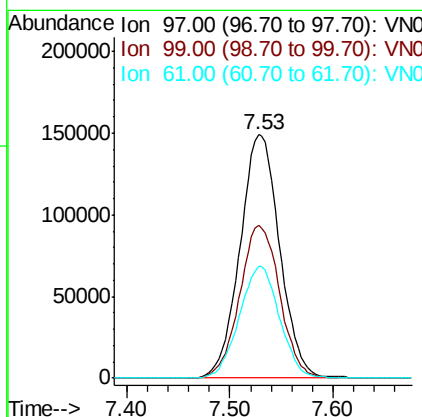
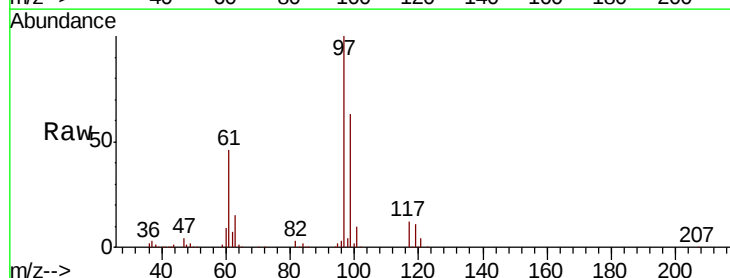
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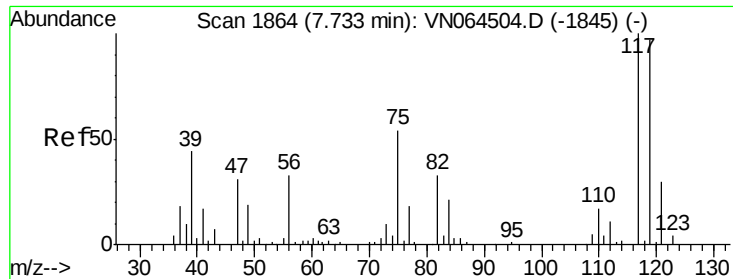
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#32
 1,1,1-Trichloroethane
 Concen: 52.227 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.8
61	46.5	39.4	59.0





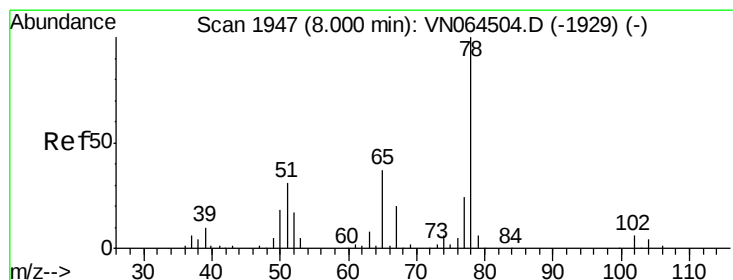
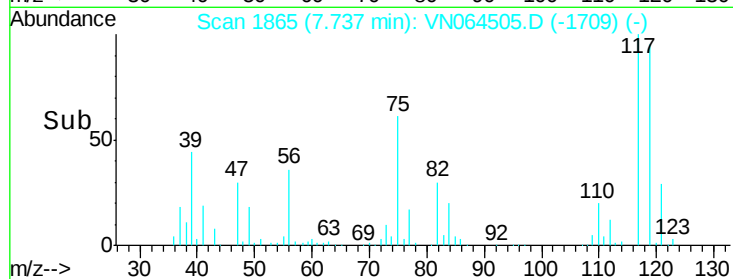
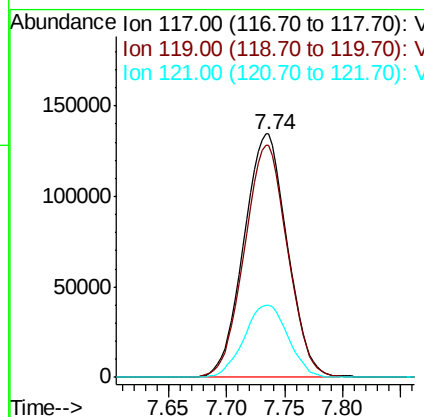
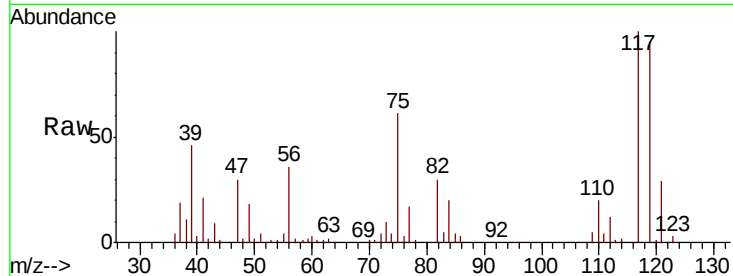
#33
Carbon Tetrachloride
Concen: 51.149 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.9	116.9
121	29.5	24.0	36.0

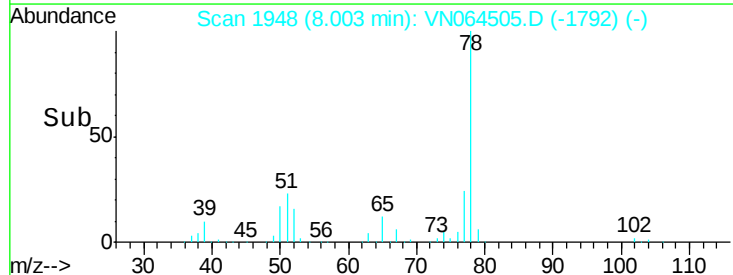
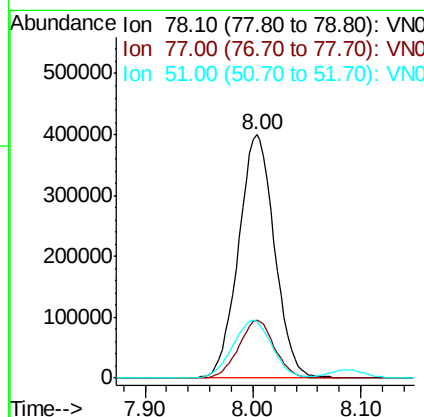
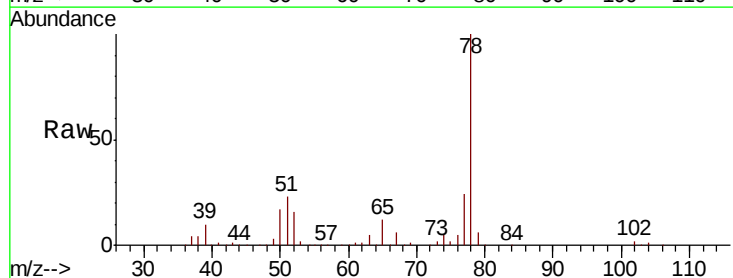
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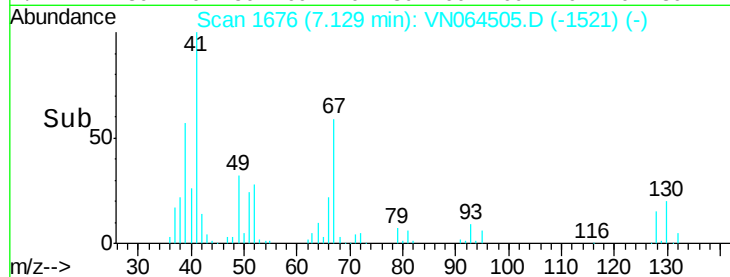
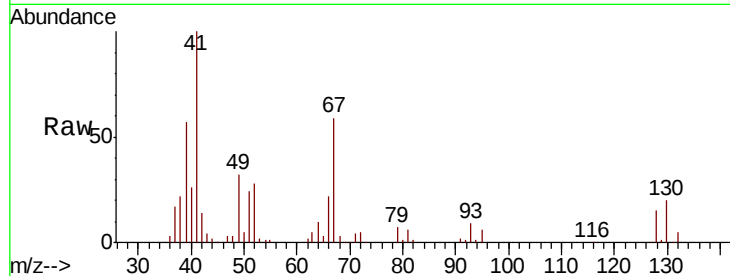
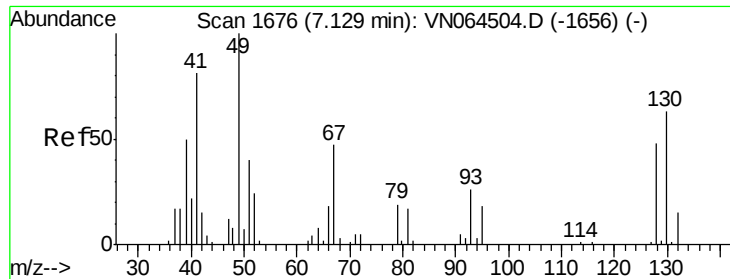
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#34
Benzene
Concen: 55.485 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3
51	23.2	24.6	36.8#





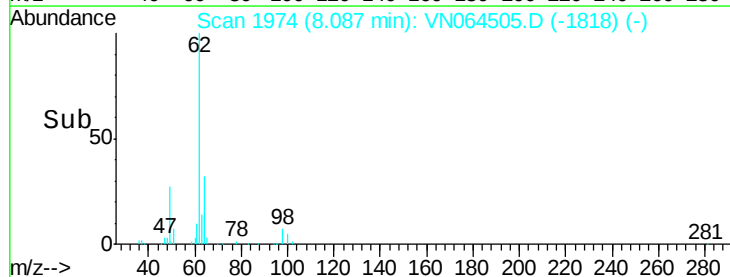
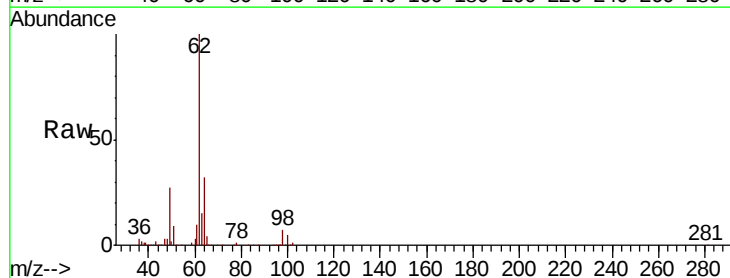
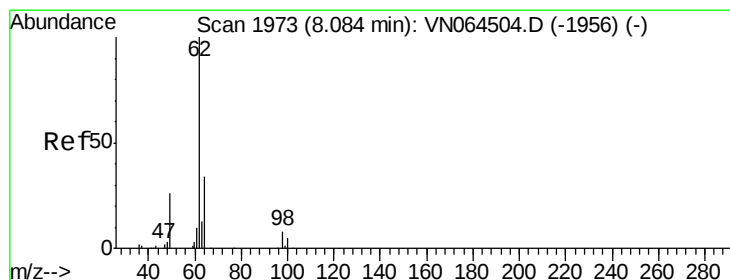
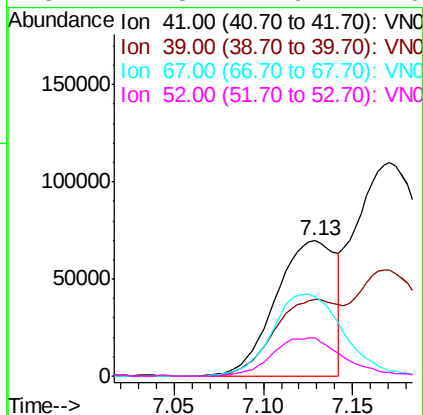
#35
Methacrylonitrile
Concen: 61.286 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	30.0	90.1	
67	58.7	29.2	87.6	
52	27.8	14.9	44.9	

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

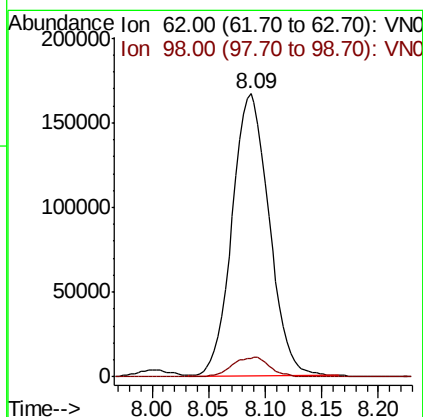
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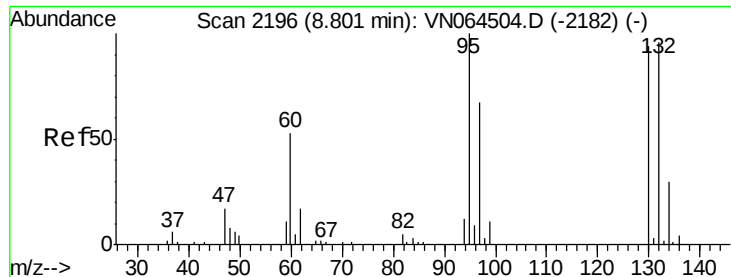
MMDadoda
11/10/2020 1:10:31 PM



#36
1,2-Dichloroethane
Concen: 54.945 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.2	5.5	8.3	





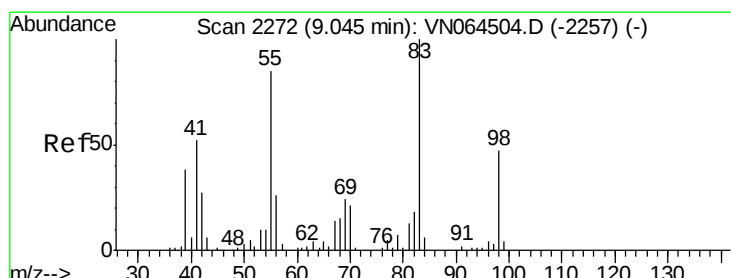
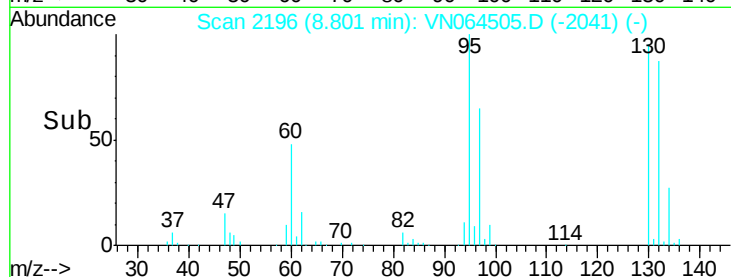
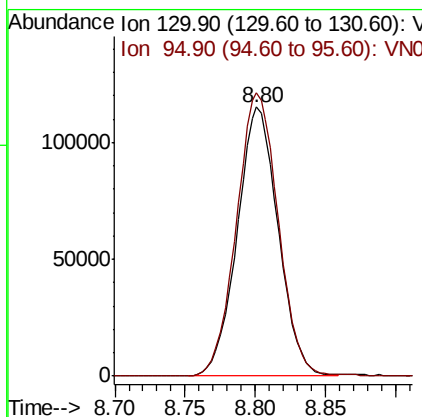
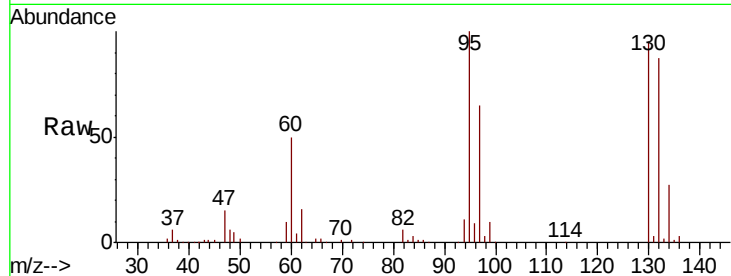
#37
 Trichloroethene
 Concen: 50.674 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
130	100	233958		
95	105.3	85.1	127.7	

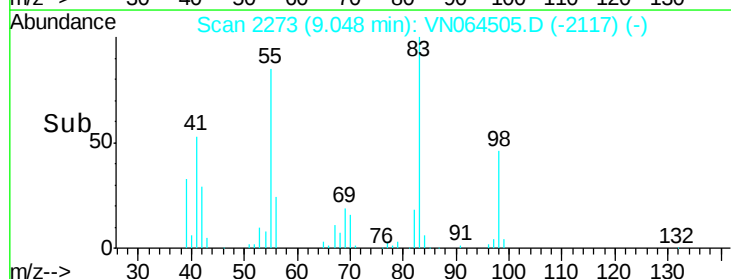
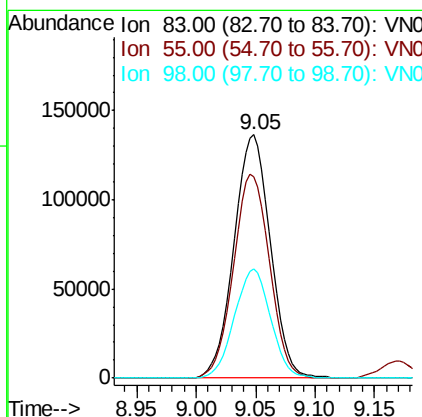
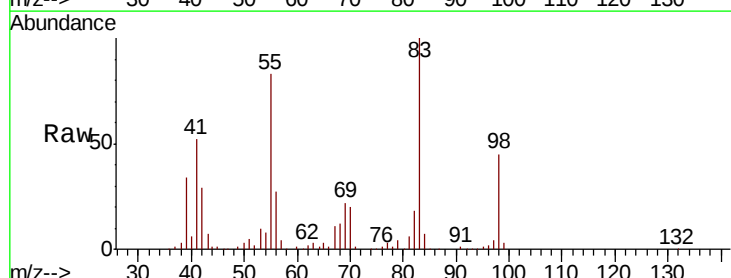
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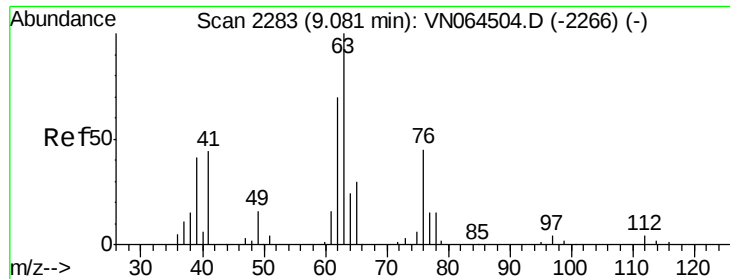
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#38
 Methylcyclohexane
 Concen: 54.395 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	289679		
55	83.2	42.0	126.1	
98	44.7	22.5	67.5	





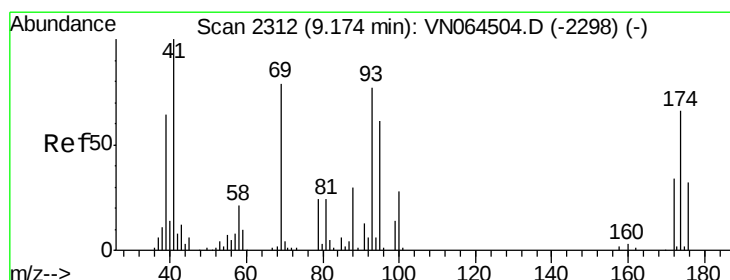
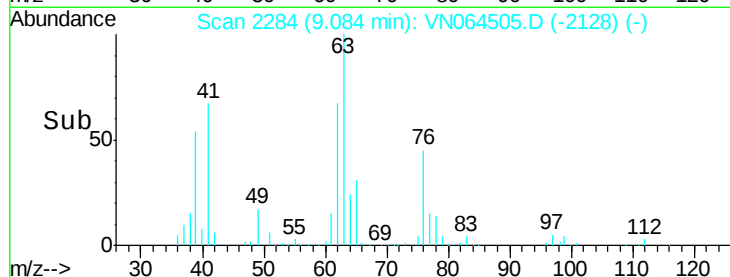
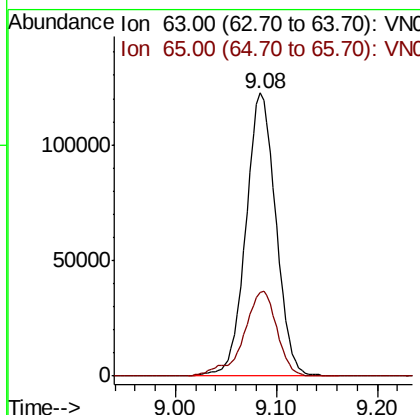
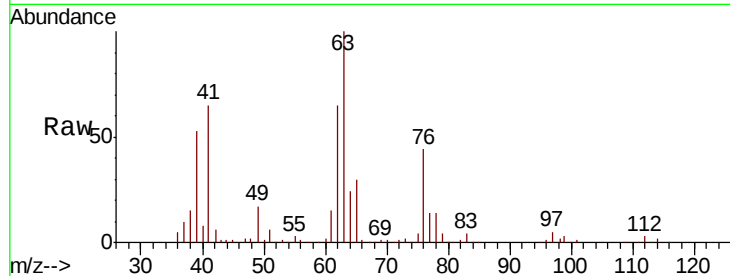
#39
 1,2-Dichloropropane
 Concen: 57.768 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion: 63 Resp: 251344
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.4 36.6

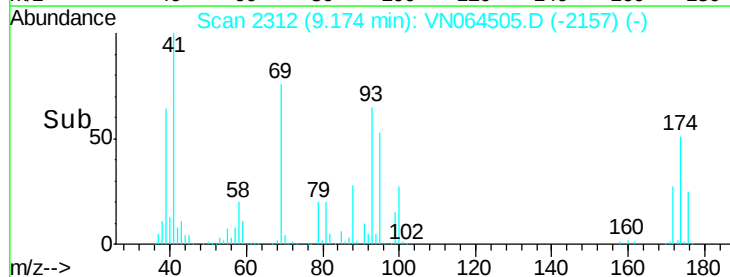
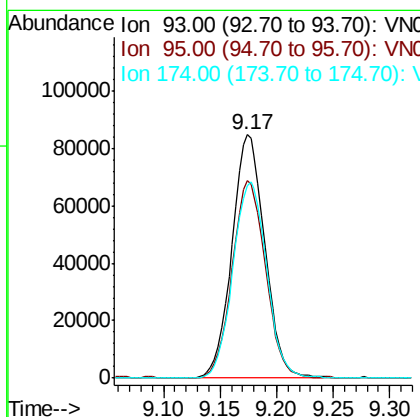
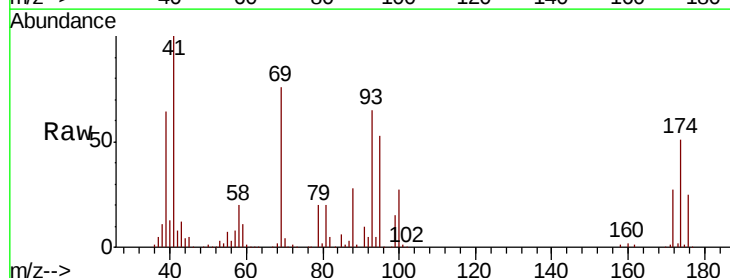
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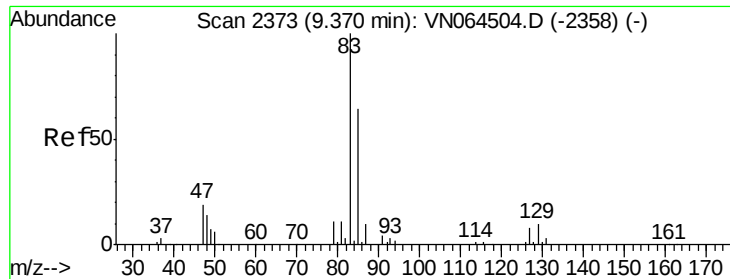
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#40
 Dibromomethane
 Concen: 55.281 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 93 Resp: 171614
 Ion Ratio Lower Upper
 93 100
 95 82.1 0.0 164.6
 174 82.8 0.0 165.6





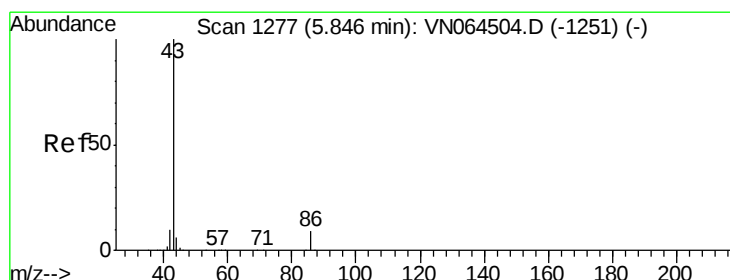
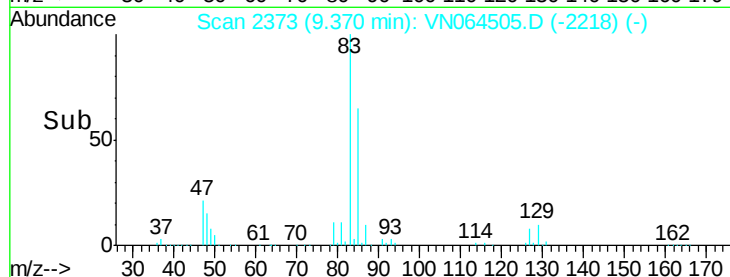
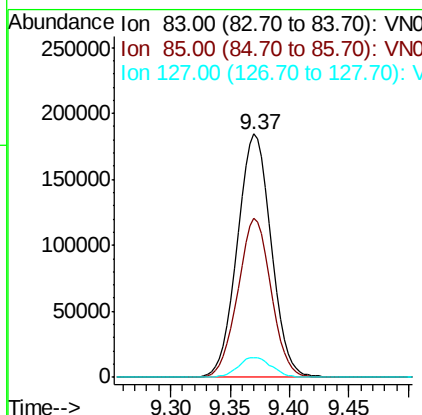
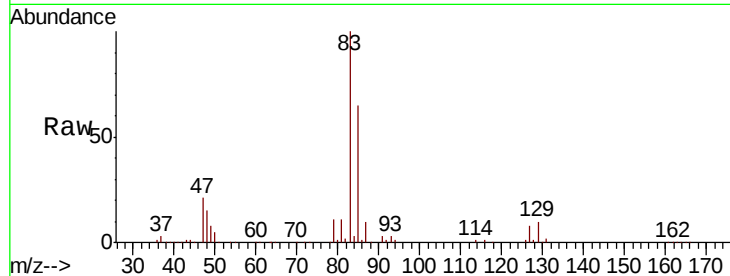
#41
 Bromodichloromethane
 Concen: 55.373 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	83	85	127
Resp	364425		
Ratio	100	65.3	8.2
Lower		51.0	6.2
Upper		76.4	9.4

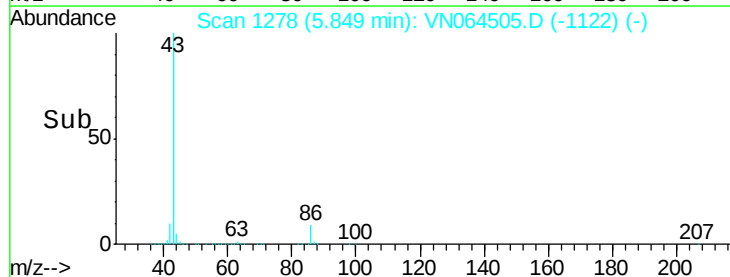
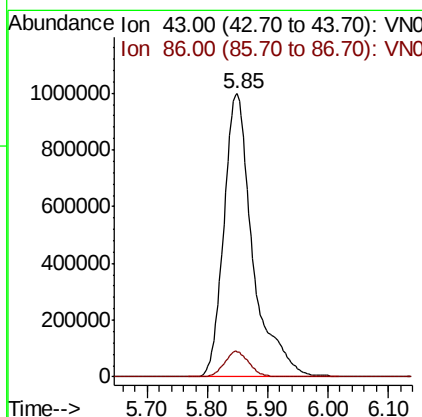
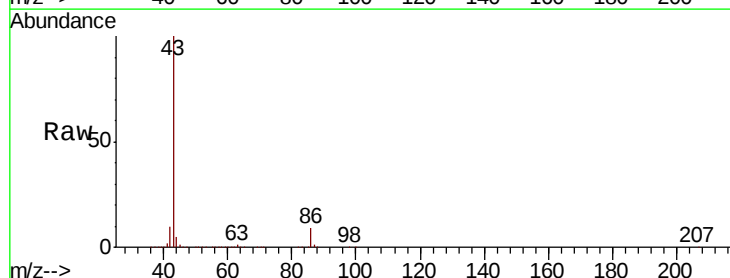
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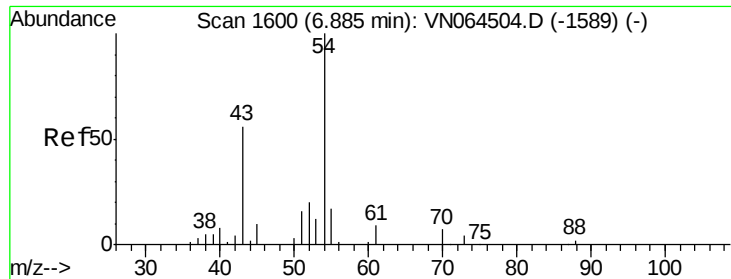
MMDadoda
 11/10/2020 1:10:31 PM



#42
 Vinyl Acetate
 Concen: 293.452 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	43	86
Resp	3328646	
Ratio	100	7.8
Lower		6.3
Upper		9.5





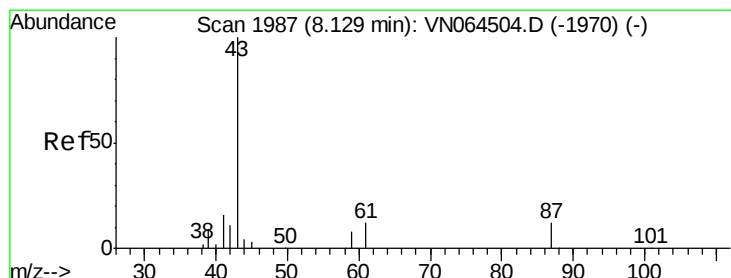
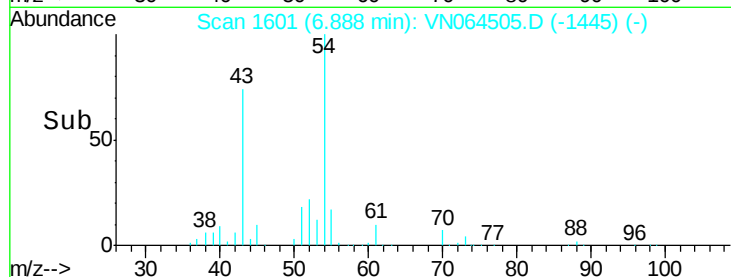
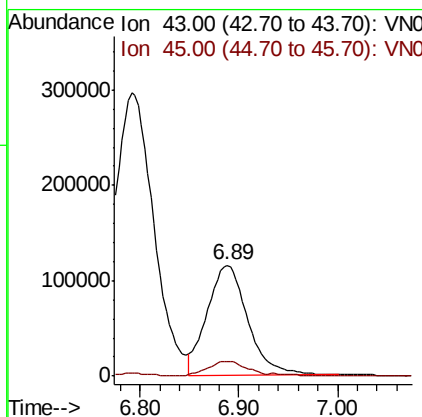
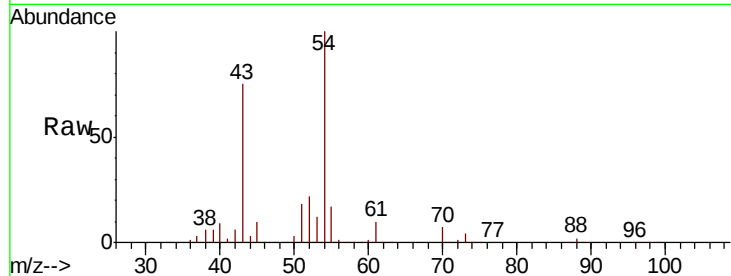
#43
Ethyl Acetate
Concen: 62.653 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion: 43 Resp: 329787
Ion Ratio Lower Upper
43 100
45 12.3 10.9 16.3

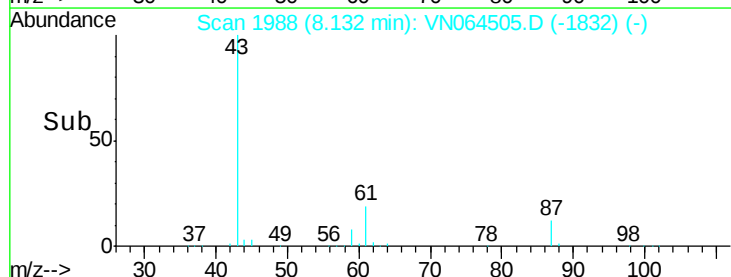
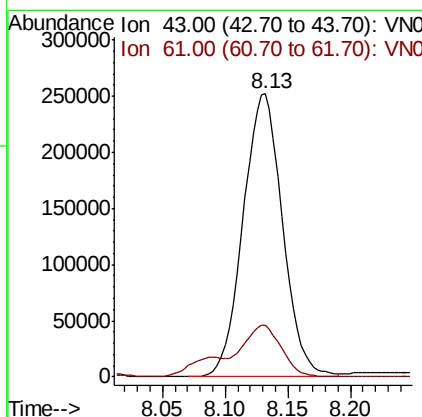
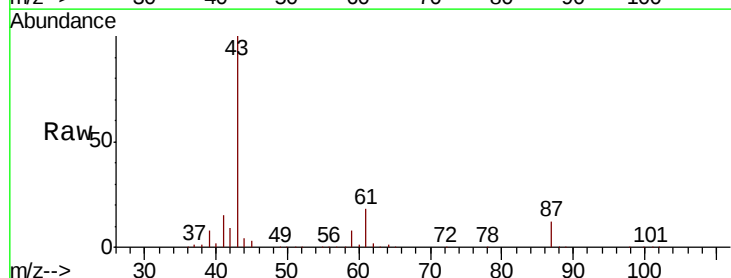
Manual Integrations
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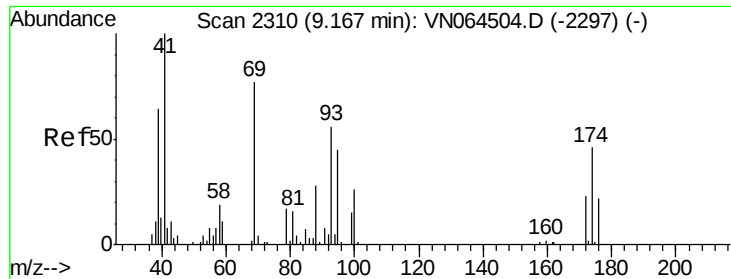
MMDadoda
11/10/2020 1:10:31 PM



#44
Isopropyl Acetate
Concen: 59.735 ug/l
RT: 8.13 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 43 Resp: 549865
Ion Ratio Lower Upper
43 100
61 17.5 13.0 19.4





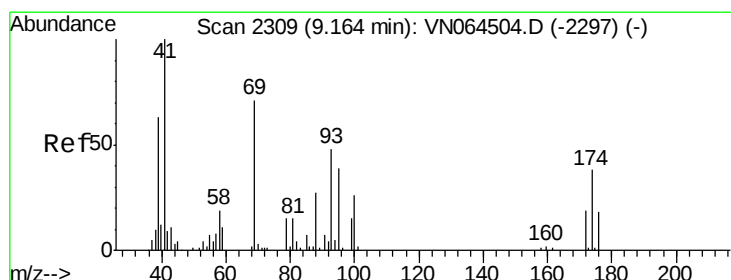
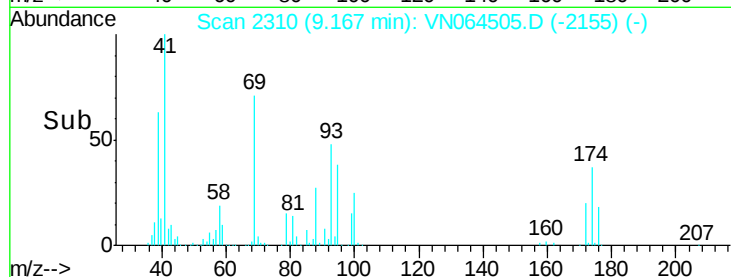
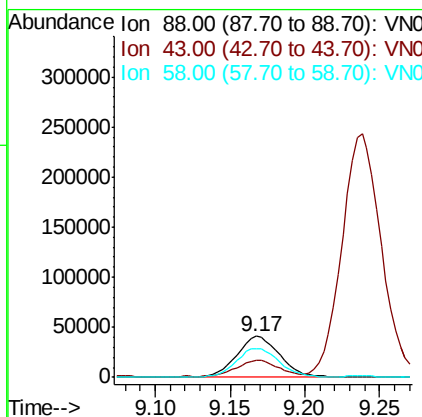
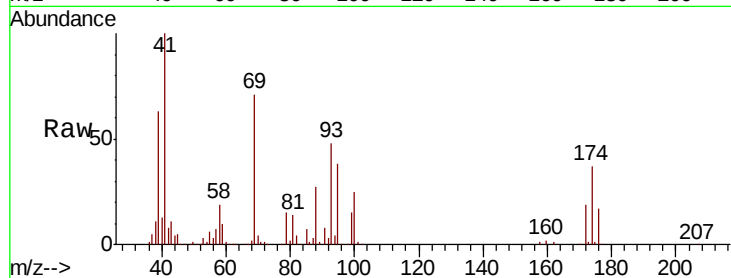
#45
1,4-Dioxane
Concen: 1248.472 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.0	30.6	46.0
58	71.5	57.9	86.9

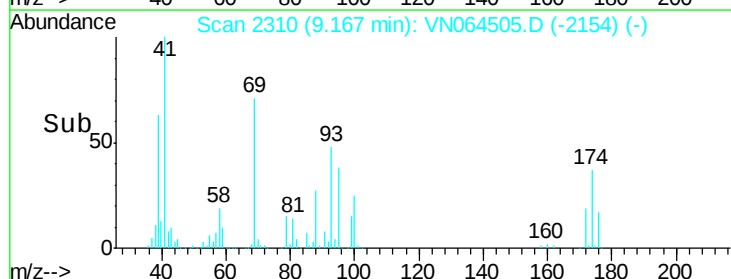
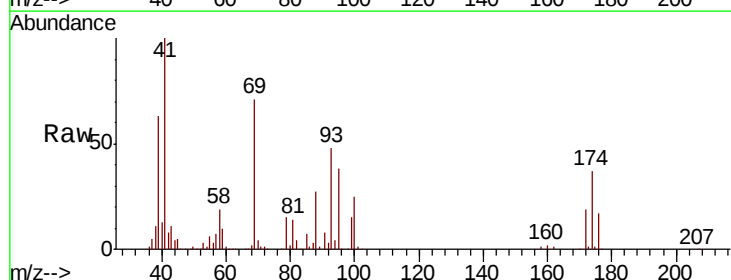
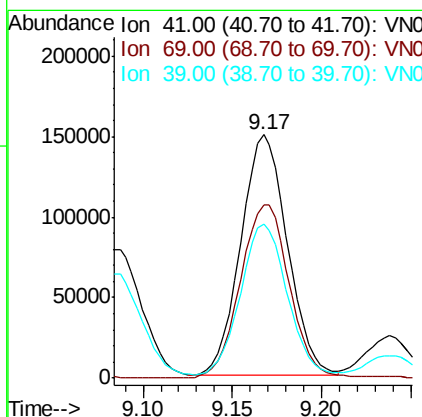
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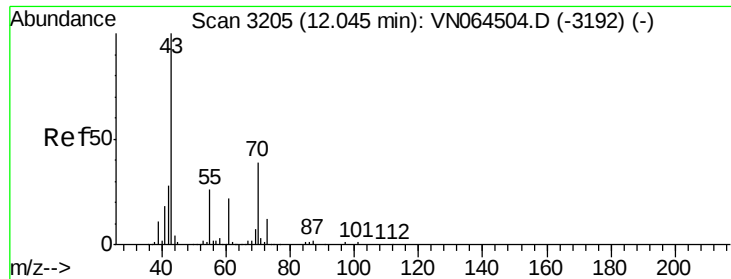
MMDadoda
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#46
Methyl methacrylate
Concen: 59.959 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.1	35.4	106.2
39	62.6	31.6	94.7





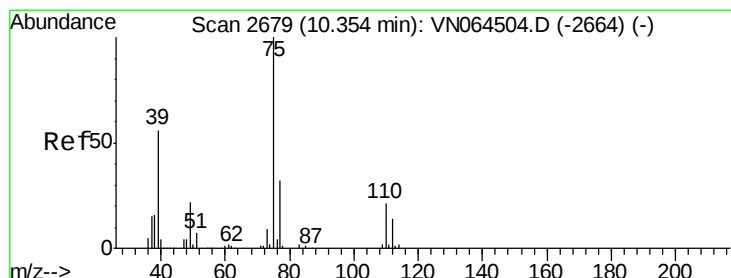
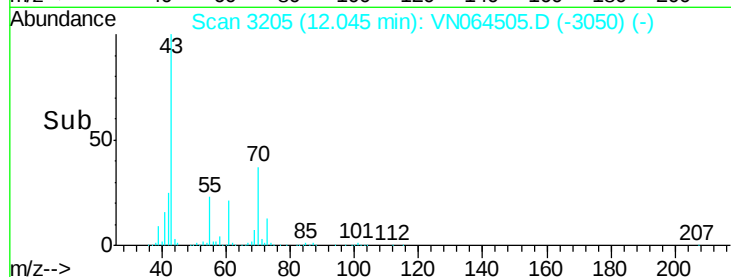
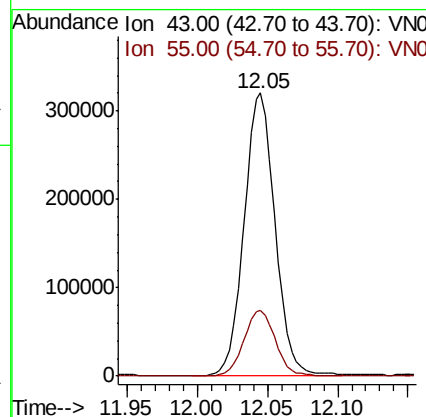
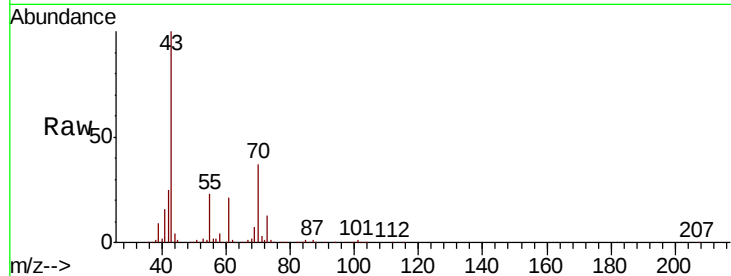
#47
n-amvl Acetate
Concen: 62.667 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion: 43 Resp: 491788
Ion Ratio Lower Upper
43 100
55 24.0 19.2 28.8

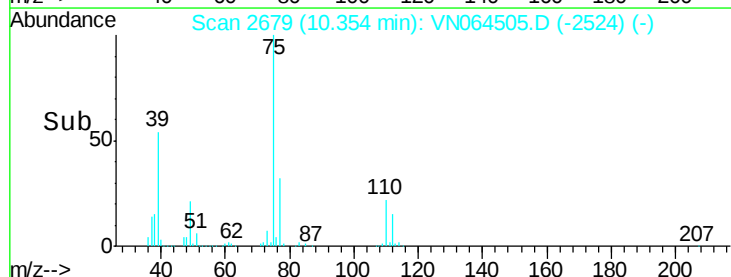
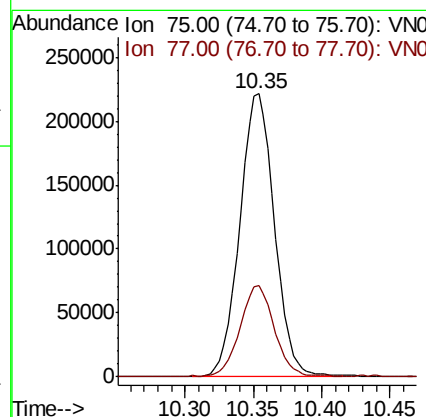
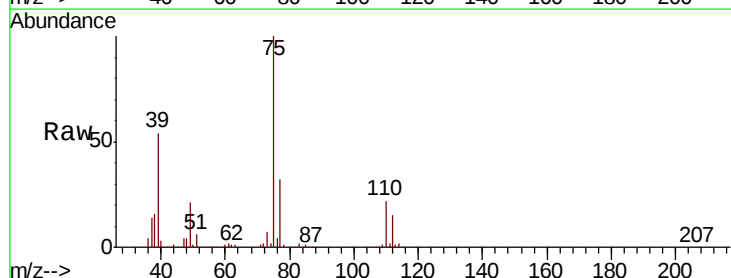
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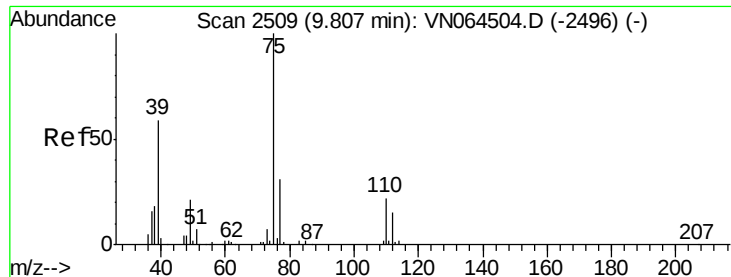
MMDadoda
11/10/2020 1:10:31 PM



#48
t-1,3-Dichloropropene
Concen: 54.199 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 75 Resp: 391330
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6





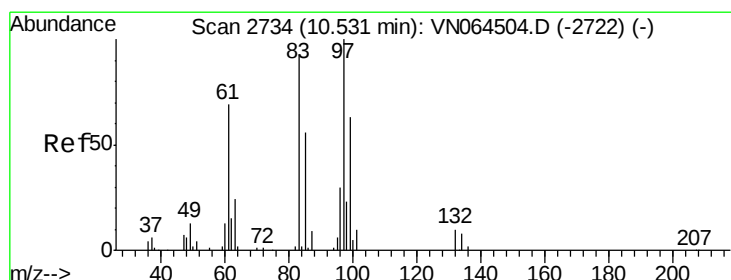
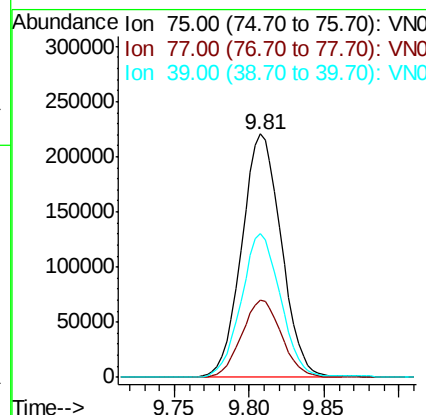
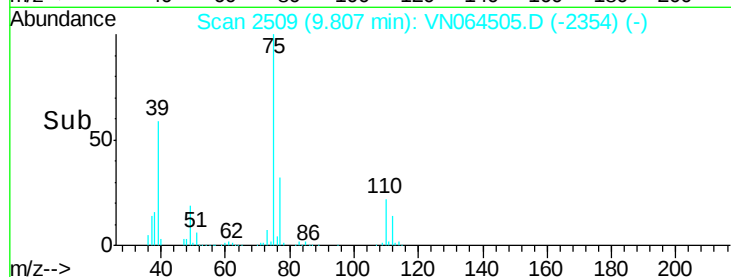
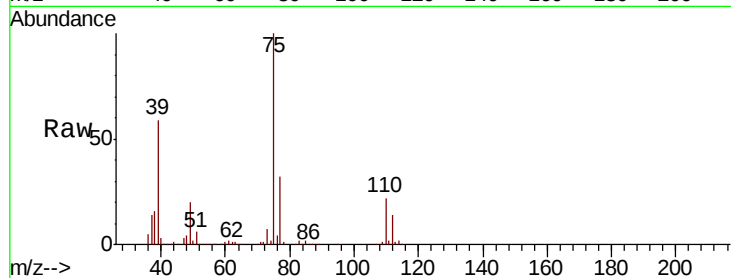
#49
 cis-1,3-Dichloropropene
 Concen: 54.486 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2
39	58.7	47.4	71.0

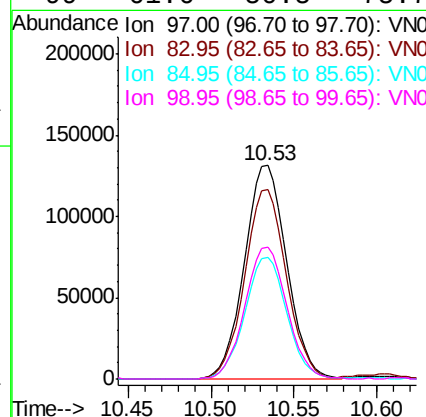
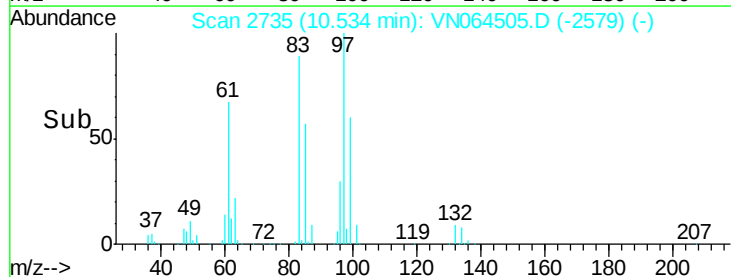
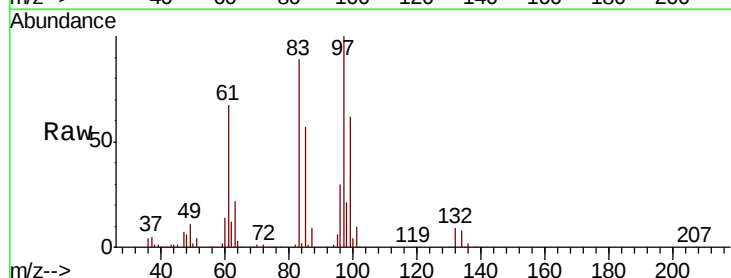
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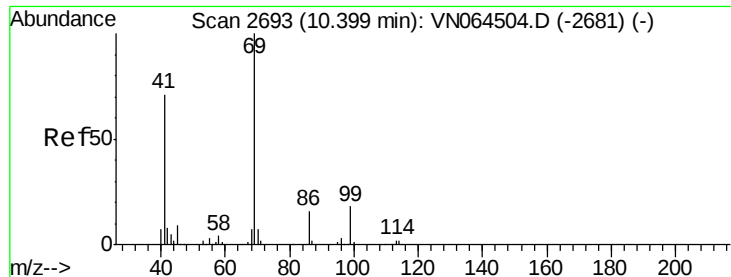
MMDadoda
 11/10/2020 1:10:31 PM



#50
 1,1,2-Trichloroethane
 Concen: 56.201 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.6	74.2	111.4
85	57.1	44.8	67.2
99	61.6	50.5	75.7





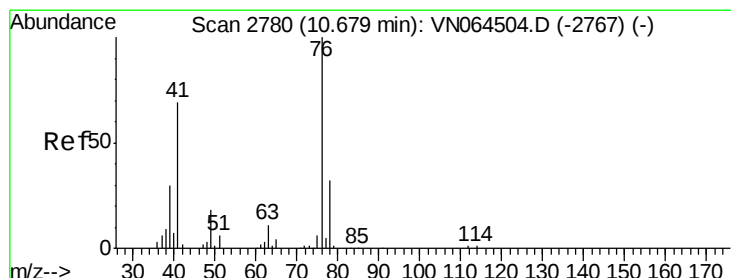
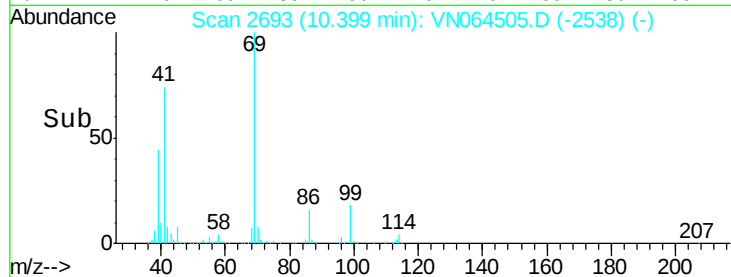
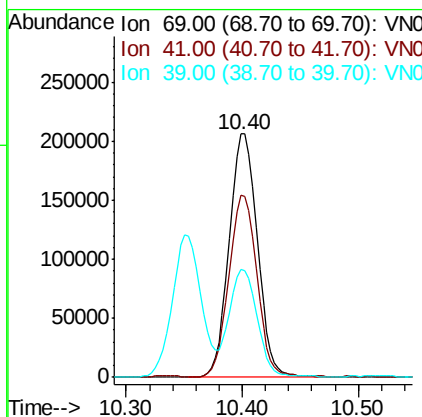
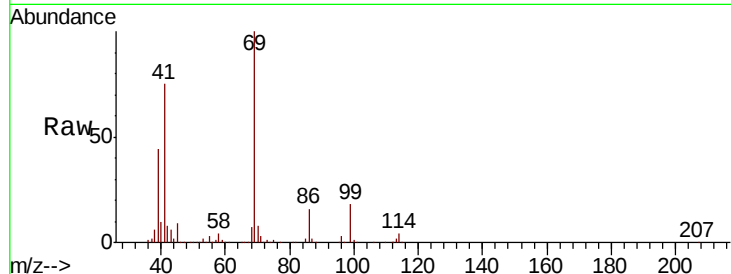
#51
Ethyl methacrylate
Concen: 58.256 ug/l
RT: 10.40 min Scan# 2693
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
69	100		
41	74.3	35.4	106.1
39	44.0	24.1	72.2

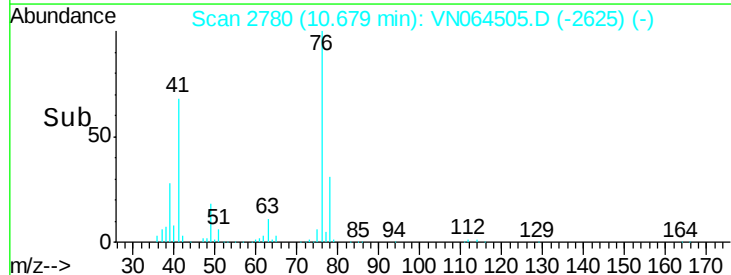
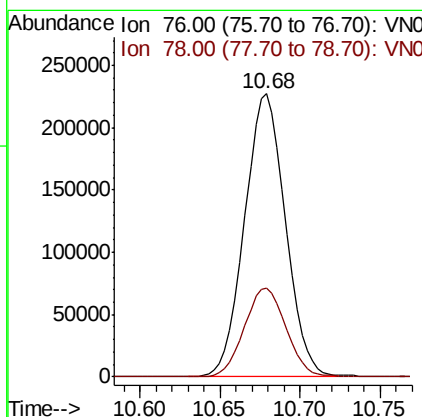
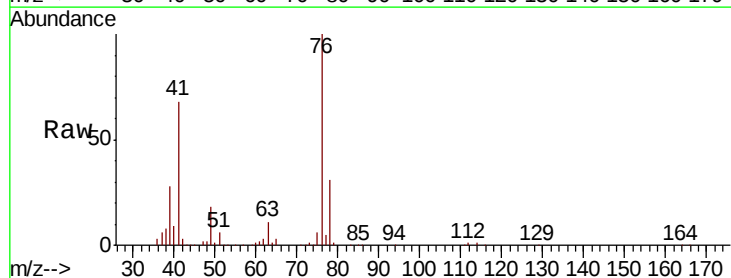
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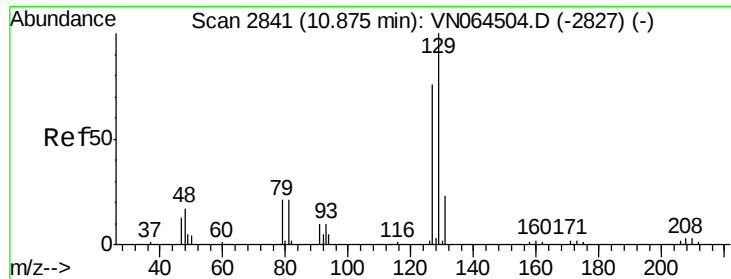
MMDadoda
11/10/2020 1:10:31 PM



#52
1,3-Dichloropropane
Concen: 56.829 ug/l
RT: 10.68 min Scan# 2780
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	65.2





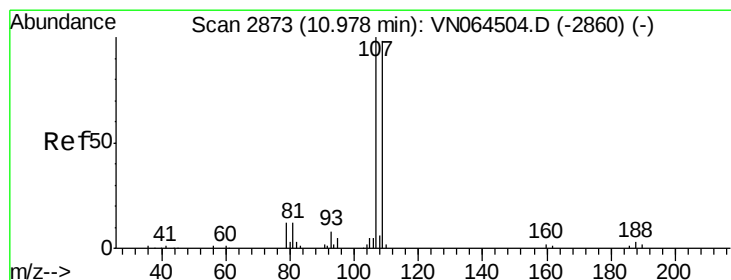
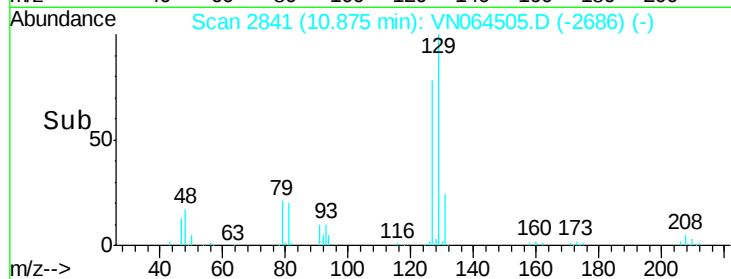
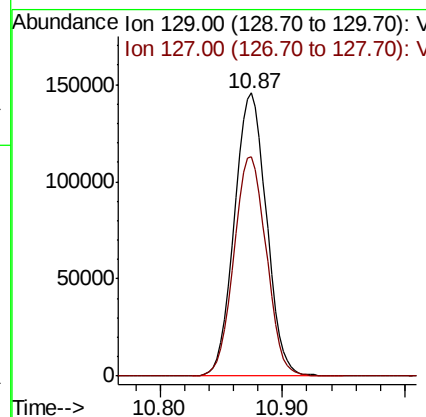
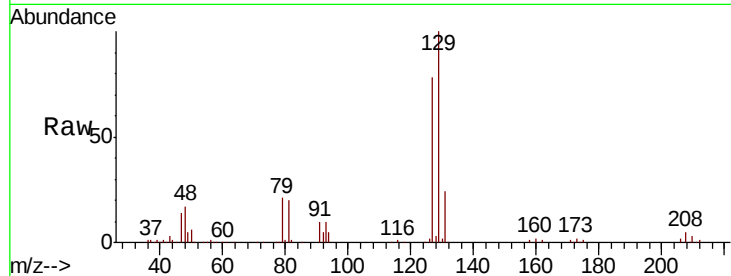
#53
Dibromochloromethane
Concen: 52.587 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		267022		
127	78.3	39.1	117.2		

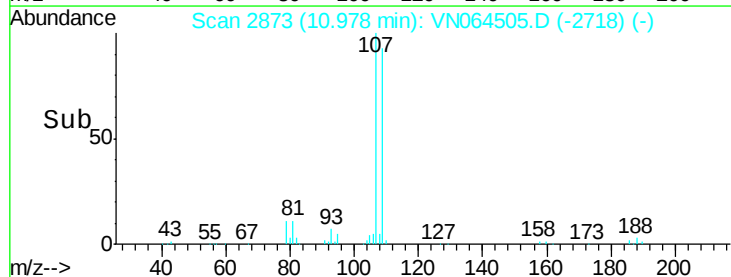
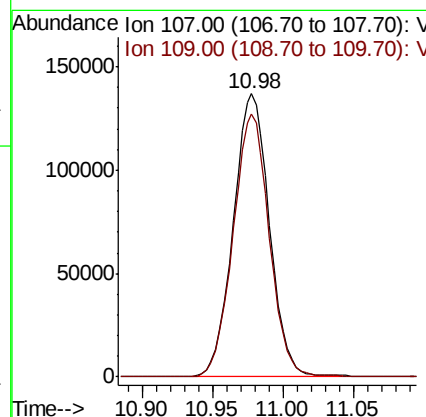
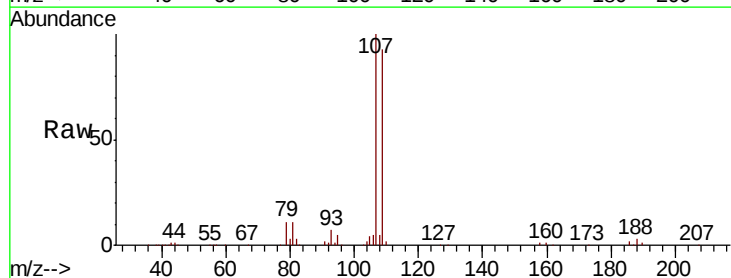
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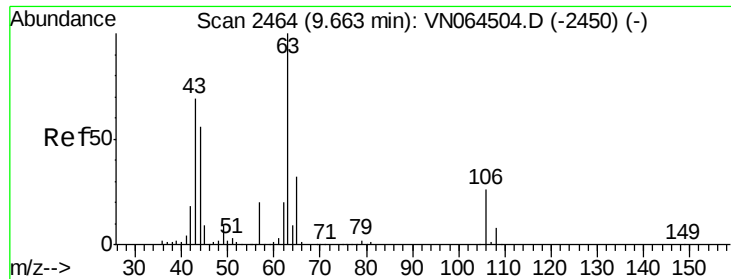
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#54
1,2-Dibromoethane
Concen: 55.632 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		245170		
109	93.2	77.2	115.8		





#55

2-Chloroethyl vinyl ether

Concen: 277.570 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

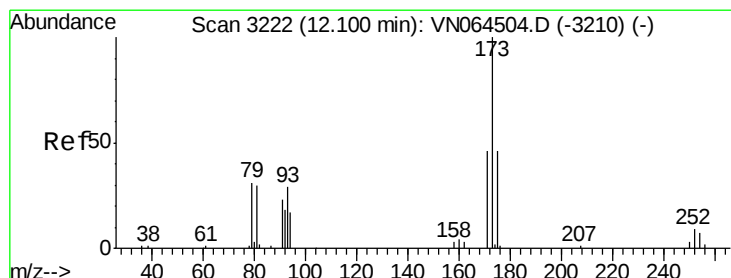
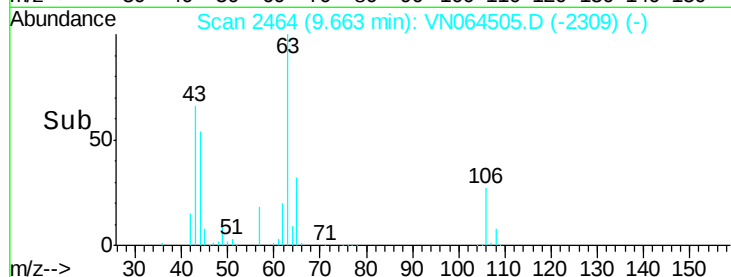
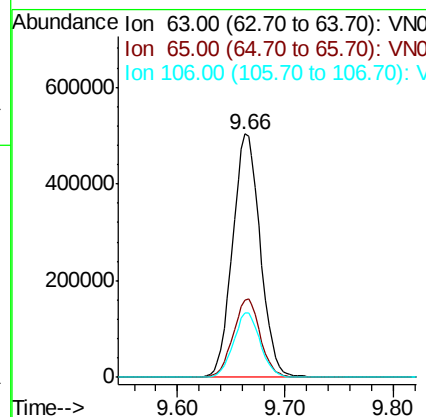
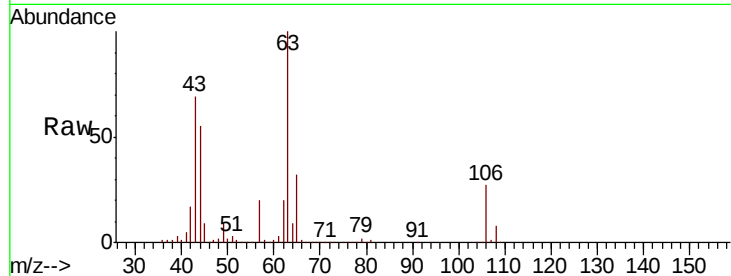
ClientSampleId :

VSTDIC050

Tot Ion:	63	Resp:	901704
Ion Ratio	Lower	Upper	
63	100		
65	31.6	25.7	38.5
106	25.8	19.9	29.9

Manual Integrations
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#56

Bromoform

Concen: 49.664 ug/l

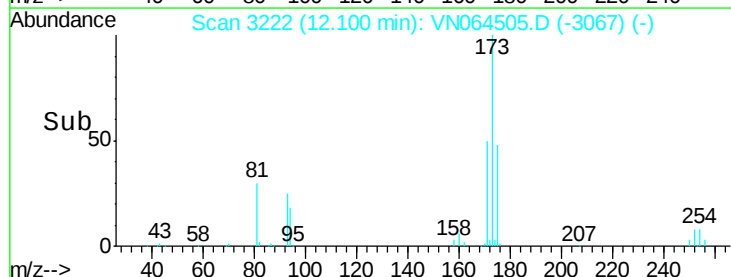
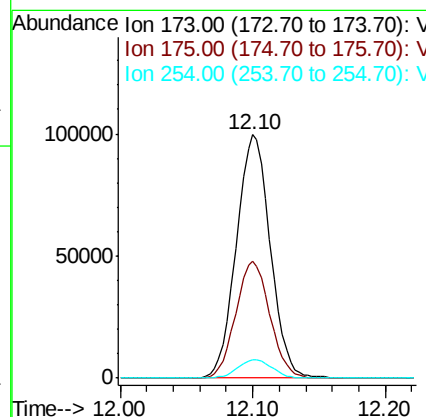
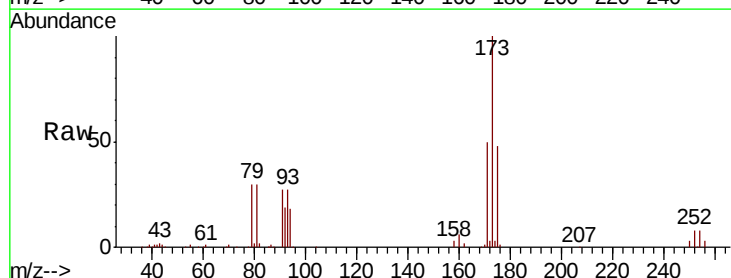
RT: 12.10 min Scan# 3222

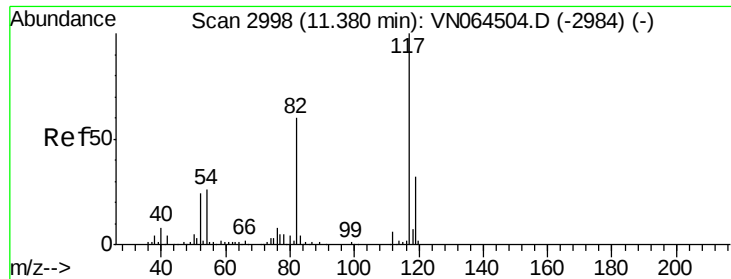
Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Tgt Ion:	173	Resp:	176971
Ion Ratio	Lower	Upper	
173	100		
175	48.3	37.1	55.7
254	7.6	5.4	8.2





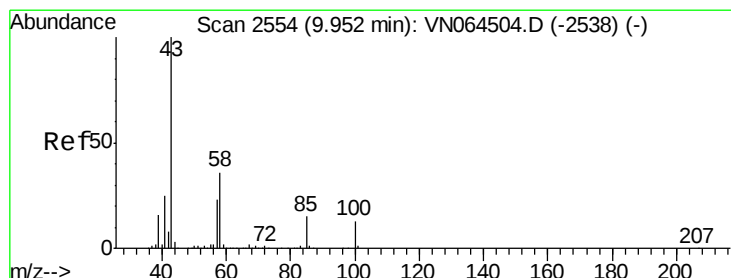
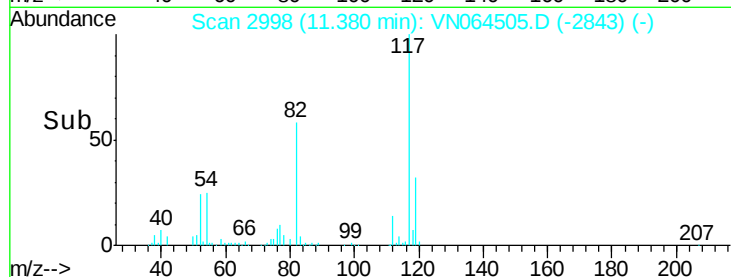
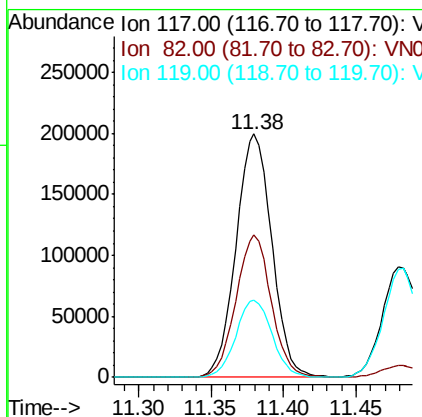
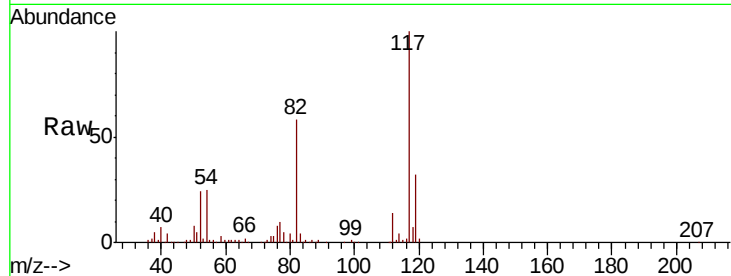
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.8	71.8
119	32.0	25.7	38.5

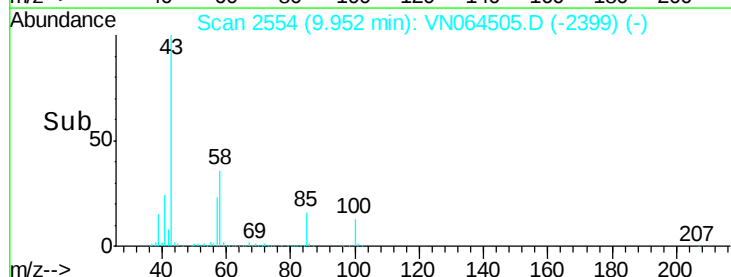
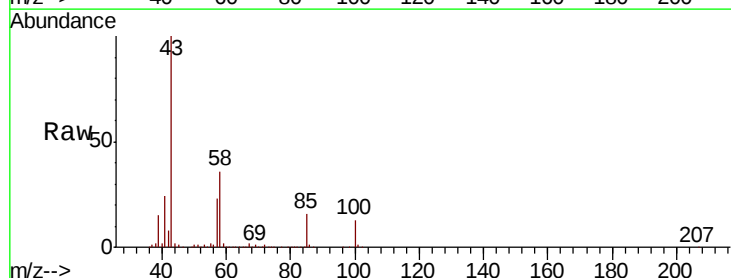
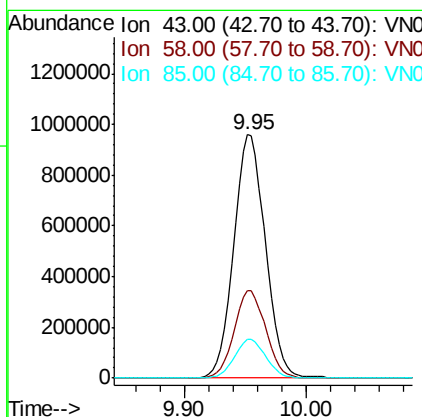
Manual Integrations
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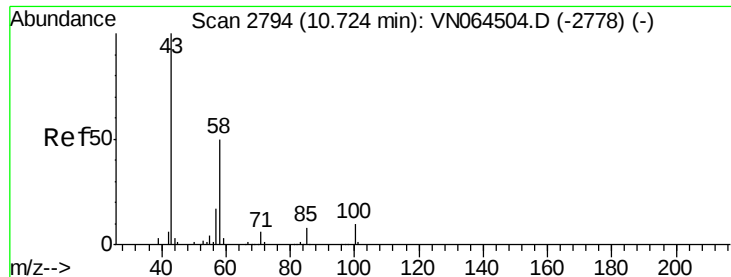
MMDadoda
11/10/2020 1:10:31 PM



#58
4-Methyl-2-Pentanone
Concen: 309.493 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.8	43.2
85	15.8	12.3	18.5





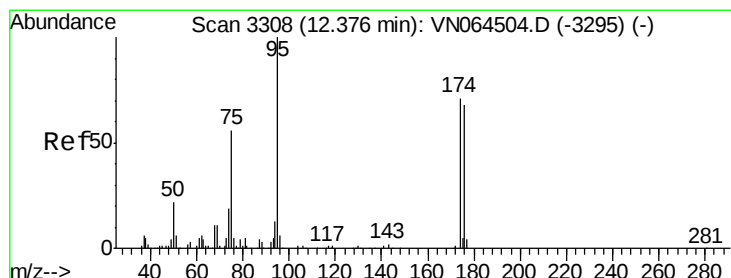
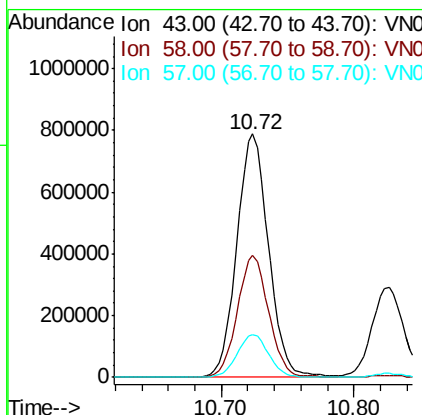
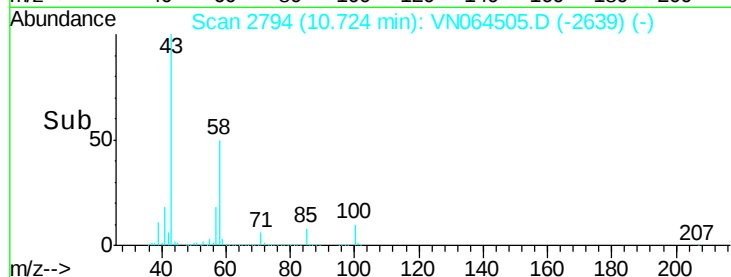
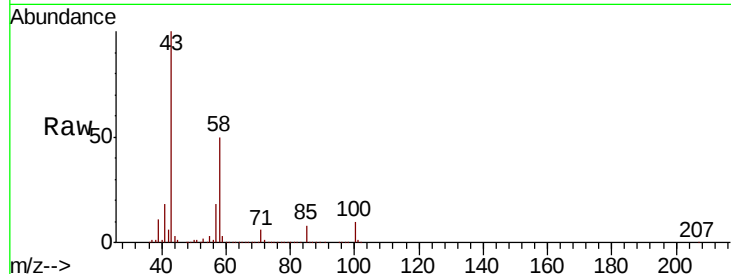
#59
2-Hexanone
Concen: 317.704 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion: 43 Resp: 1308310
Ion Ratio Lower Upper
43 100
58 49.7 38.2 57.4
57 17.7 13.8 20.8

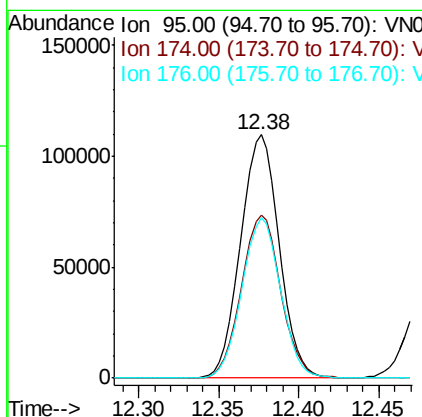
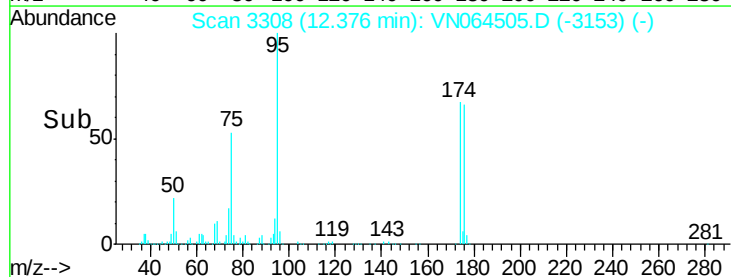
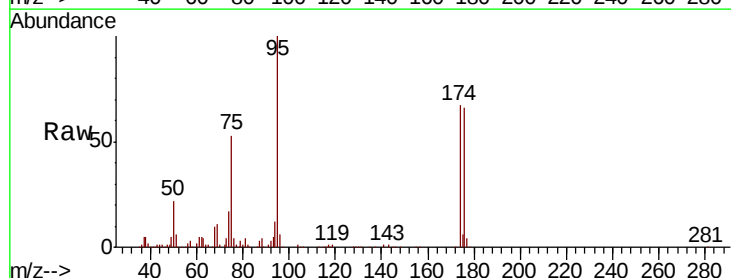
Manual Integrations
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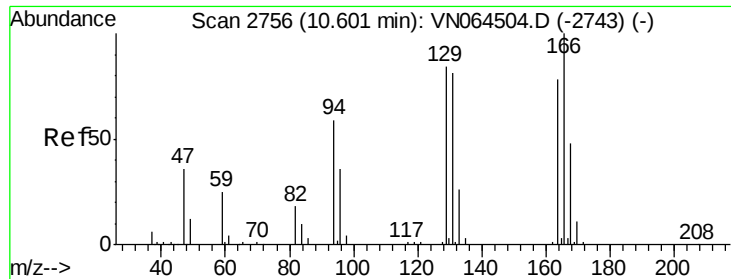
MMDadoda
11/10/2020 1:10:31 PM



#60
4-Bromofluorobenzene
Concen: 31.016 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 95 Resp: 180669
Ion Ratio Lower Upper
95 100
174 68.3 56.4 84.6
176 65.9 53.3 79.9





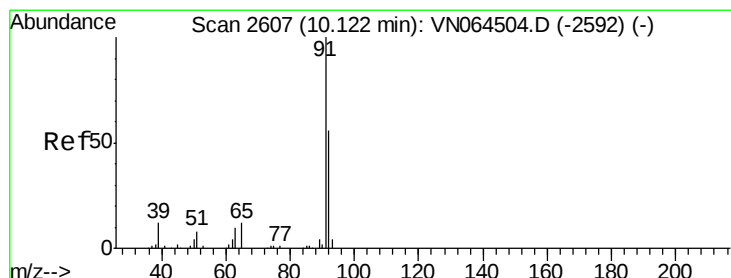
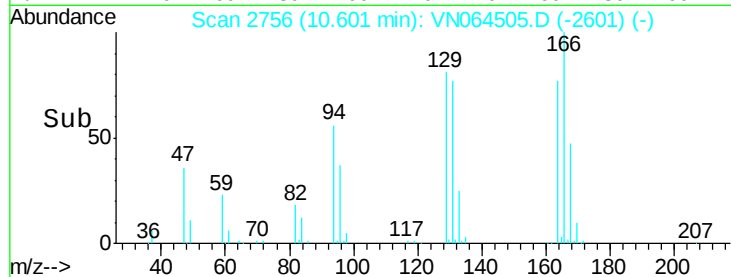
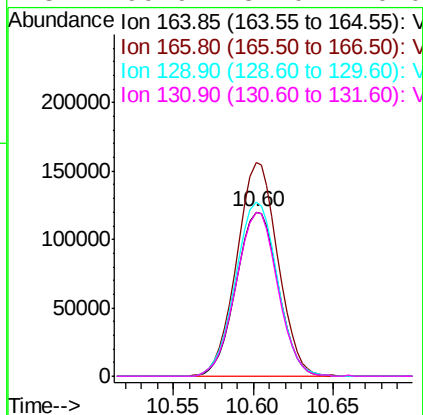
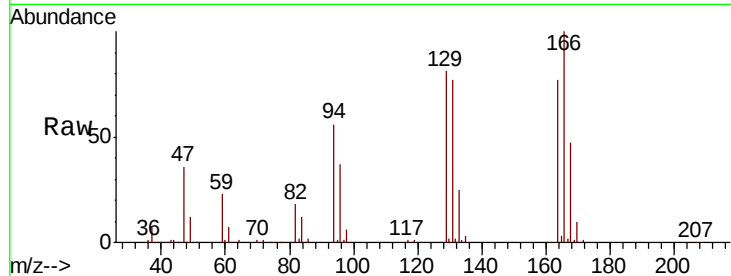
#61
Tetrachloroethene
Concen: 47.056 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.1	103.2	154.8
129	105.9	86.4	129.6
131	99.9	84.0	126.0

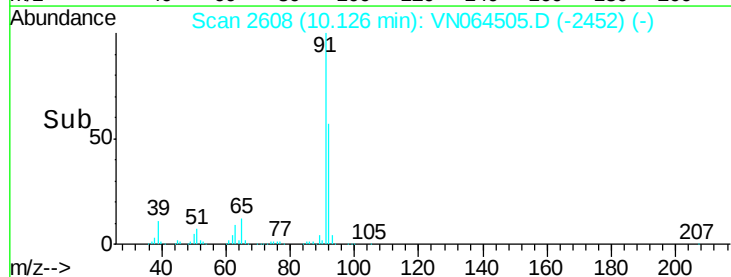
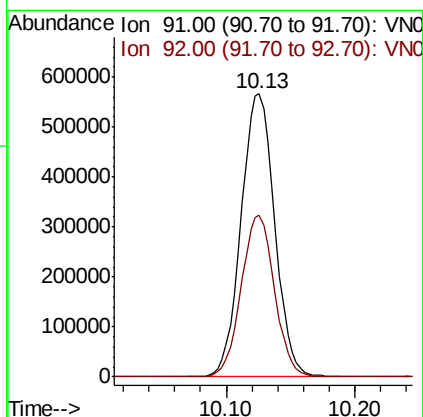
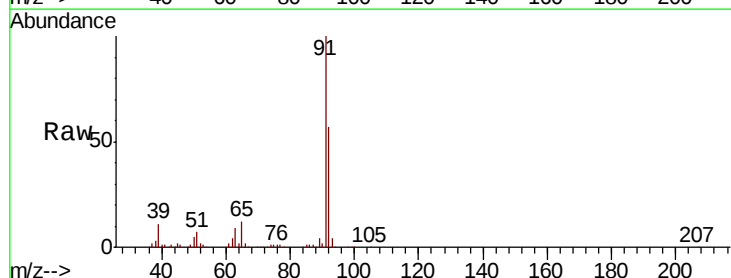
Manual Integrations
APPROVED

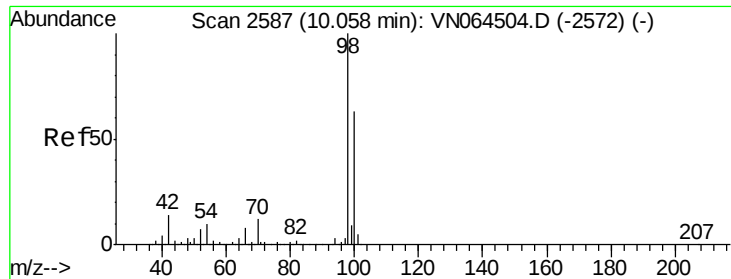
MMDadoda
11/10/2020 1:10:31 PM



#62
Toluene
Concen: 53.197 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.8	45.4	68.2





#63

Toluene-d8

Concen: 30.710 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 98 Resp: 476346

Ion Ratio Lower Upper

98 100

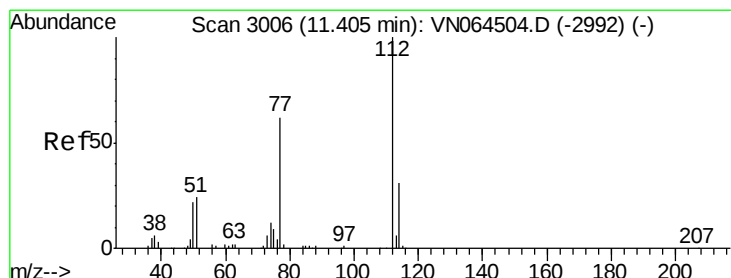
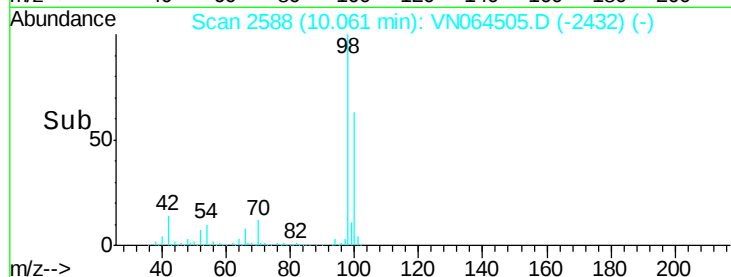
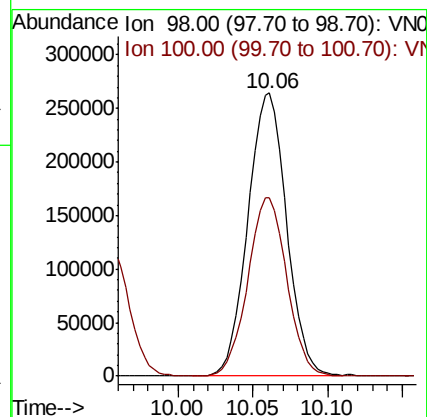
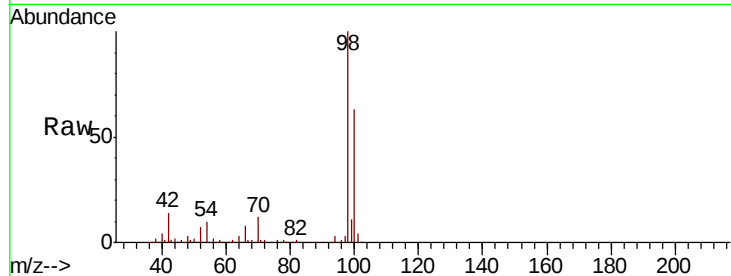
100 63.0 49.4 74.2

Manual Integrations

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11/10/2020 1:10:31 PM



#64

Chlorobenzene

Concen: 50.955 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064505.D

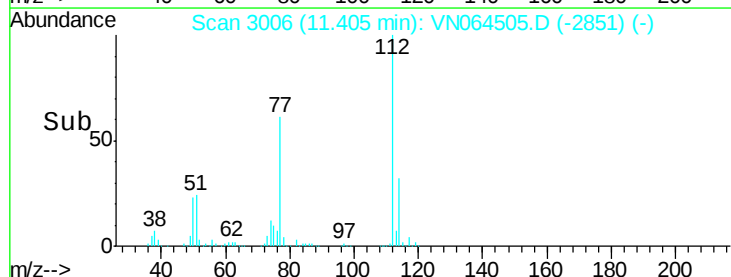
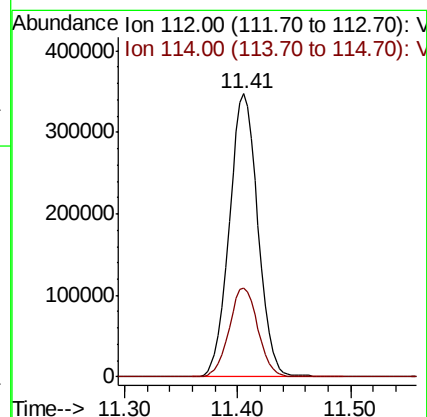
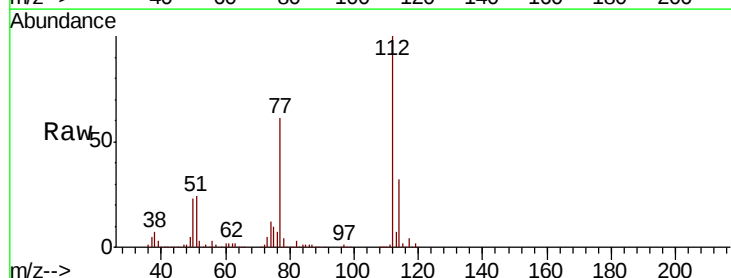
Acq: 9 Nov 2020 12:13

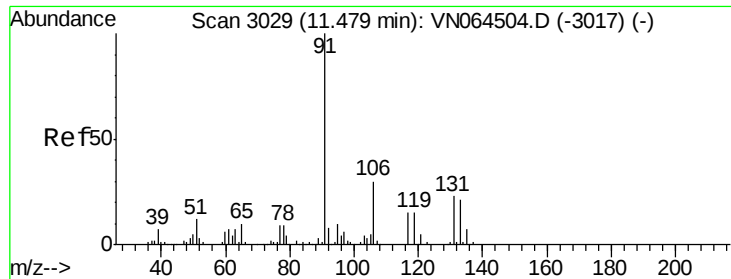
Tgt Ion: 112 Resp: 609308

Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.6





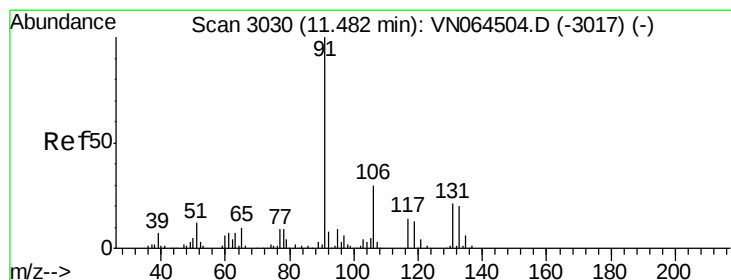
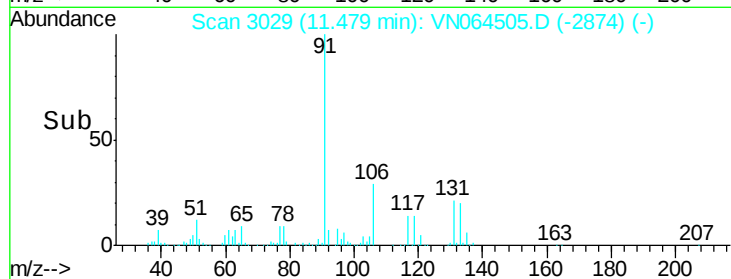
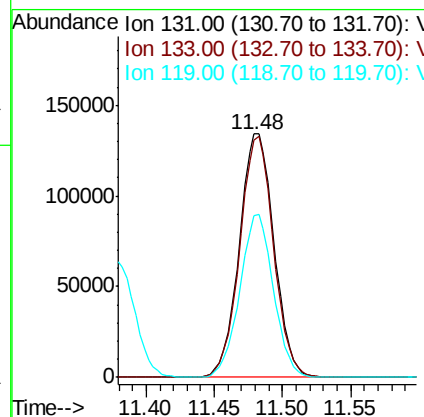
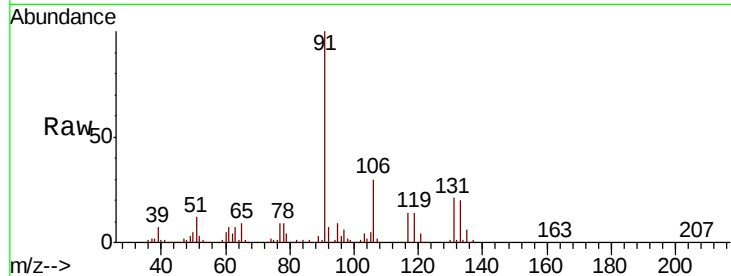
#65
 1,1,1,2-Tetrachloroethane
 Concen: 51.084 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
131	100	236809		
133	96.3	0.0	191.2	
119	64.8	0.0	131.6	

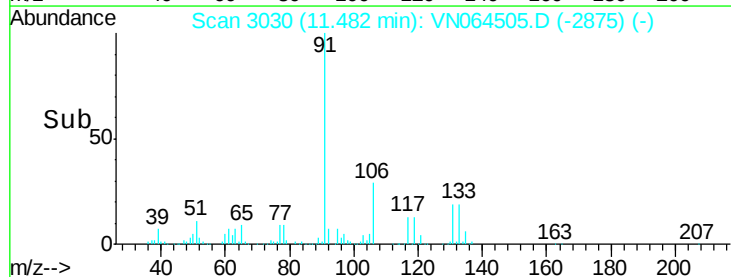
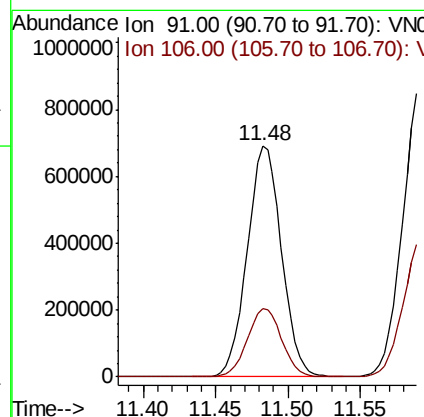
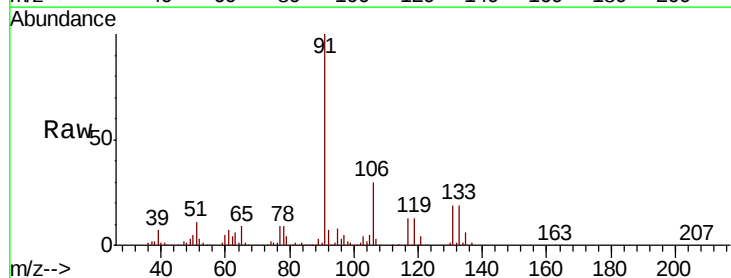
Manual Integrations
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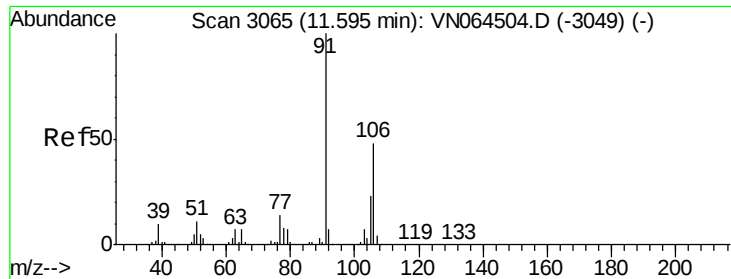
MMDadoda
 11/10/2020 1:10:31 PM



#66
 Ethyl Benzene
 Concen: 53.953 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1137053		
106	29.6	23.9	35.9	





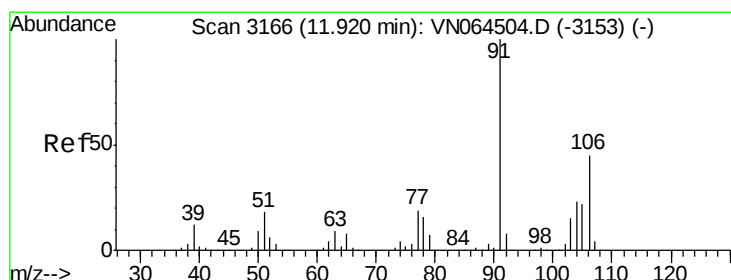
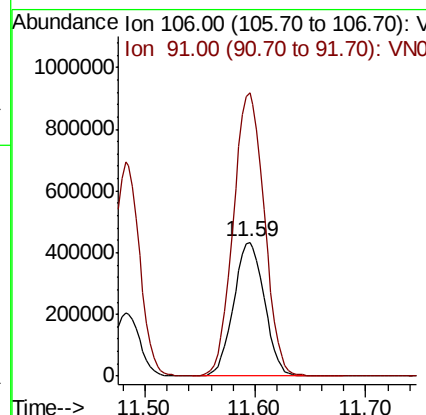
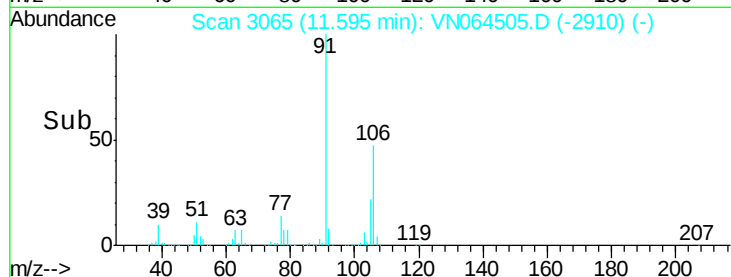
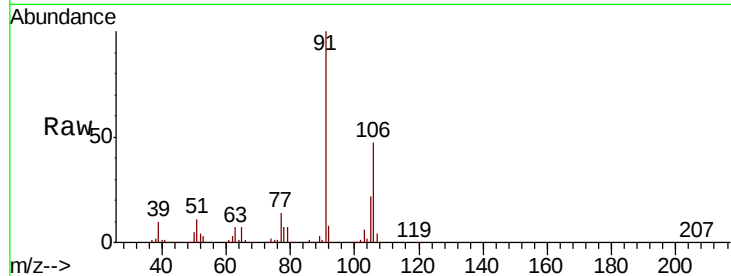
#67
m/p-Xvlenes
Concen: 105.632 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion:106 Resp: 837972
Ion Ratio Lower Upper
106 100
91 213.5 168.8 253.2

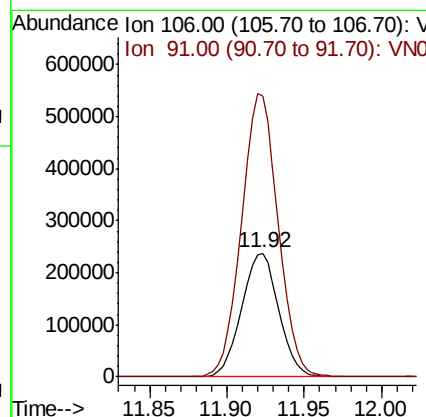
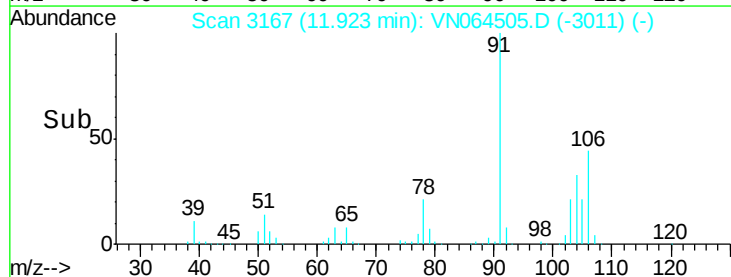
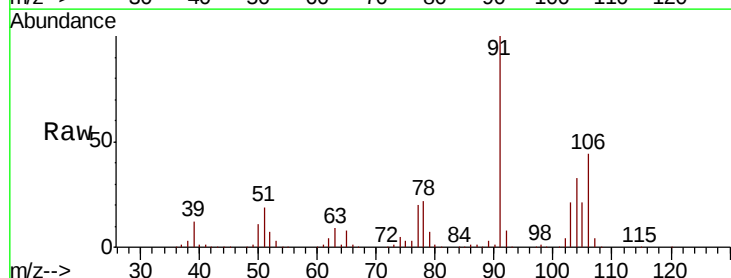
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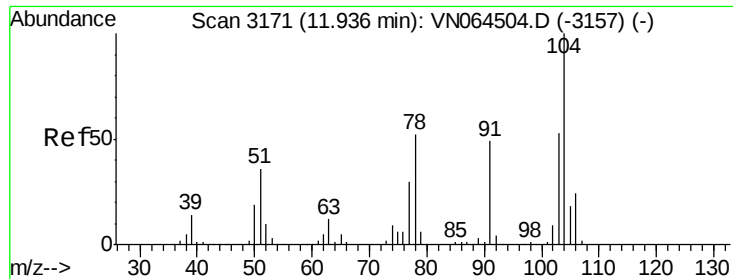
MMDadoda
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#68
o-Xylene
Concen: 52.074 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion:106 Resp: 396135
Ion Ratio Lower Upper
106 100
91 225.6 109.7 329.2





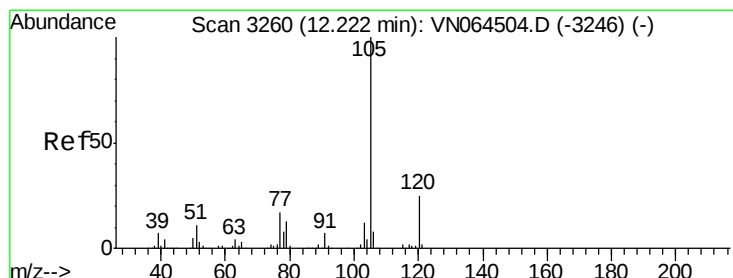
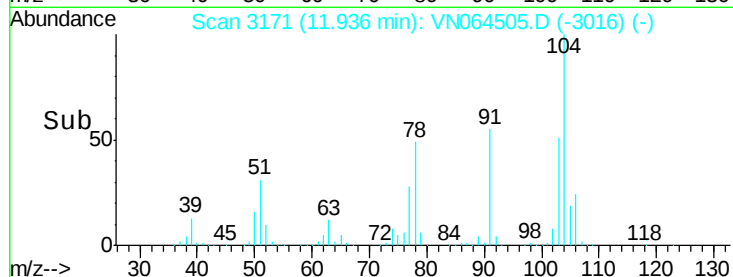
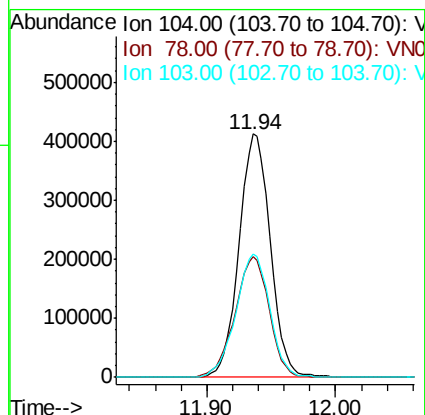
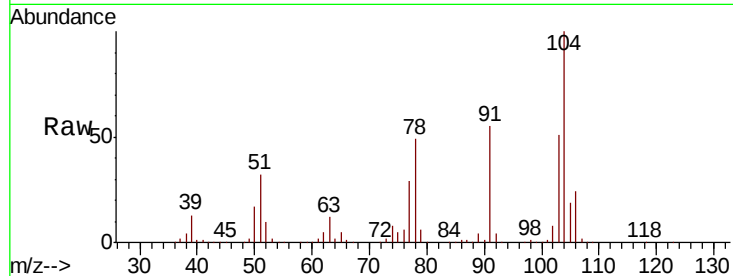
#69
Stvrene
Concen: 54.608 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.0	44.4	66.6
103	55.2	44.6	67.0

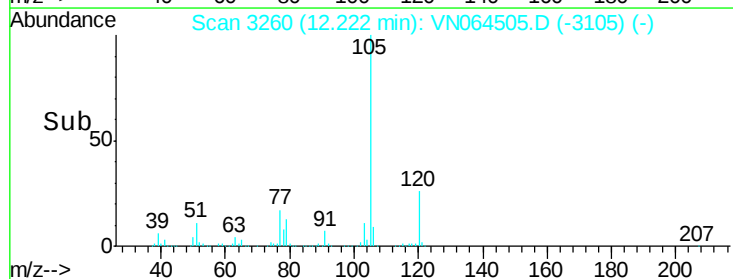
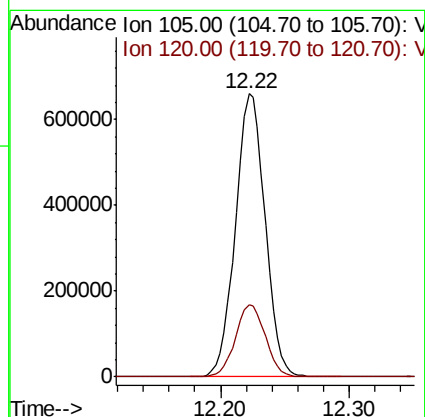
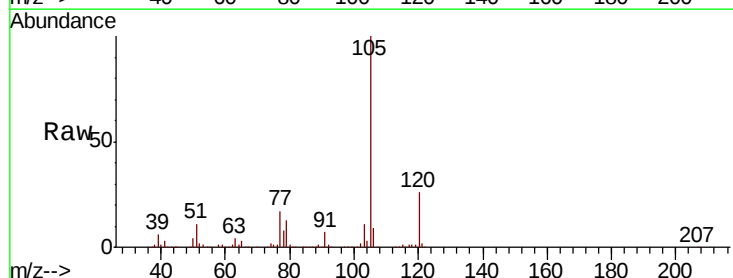
Manual Integrations
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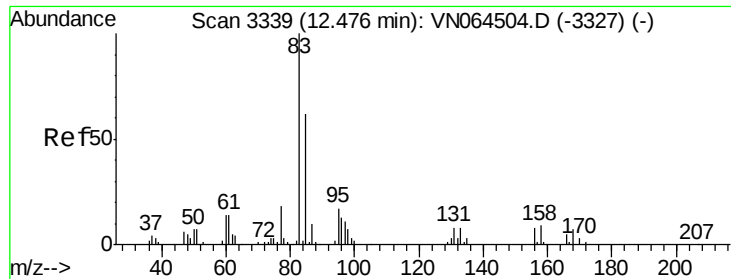
MMDadoda
11/10/2020 1:10:31 PM



#70
Isopropylbenzene
Concen: 53.524 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.6	17.9	33.3





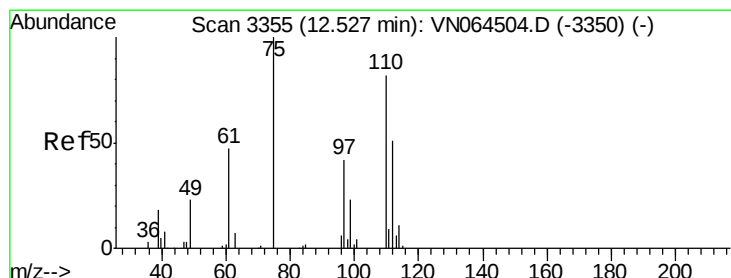
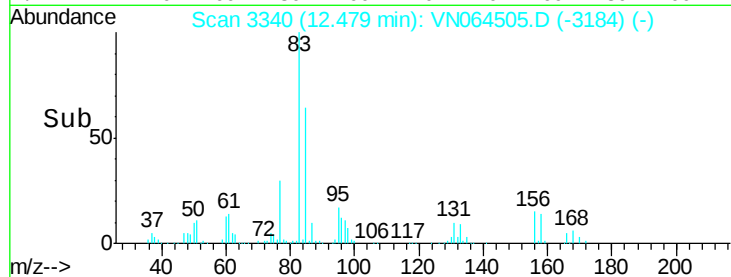
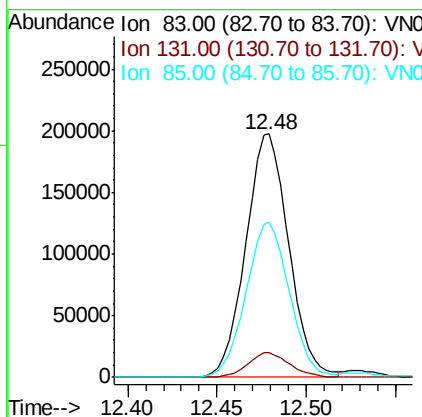
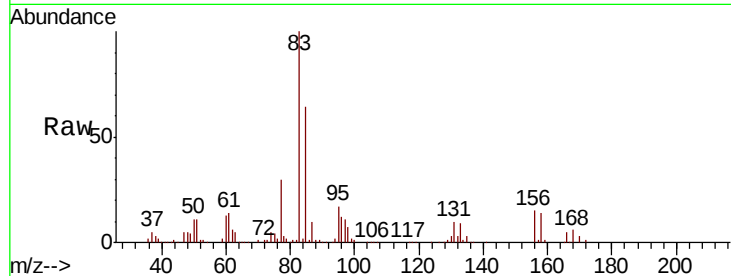
#71
 1,1,2,2-Tetrachloroethane
 Concen: 59.171 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.6	13.8
85	64.0	31.4	94.0

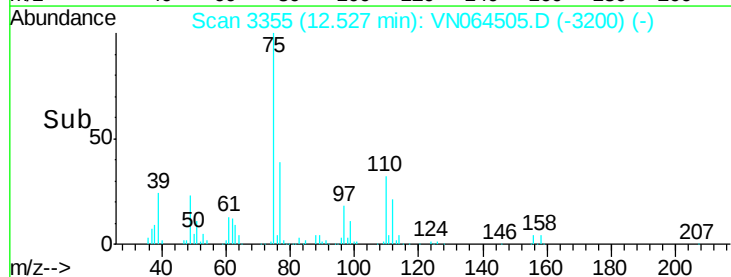
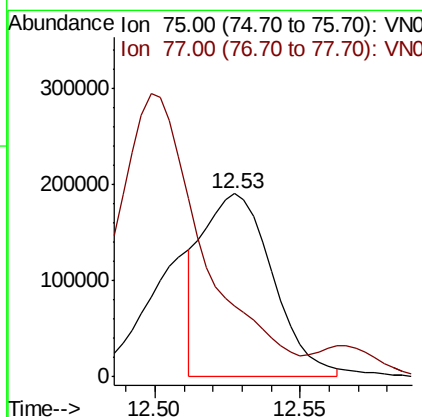
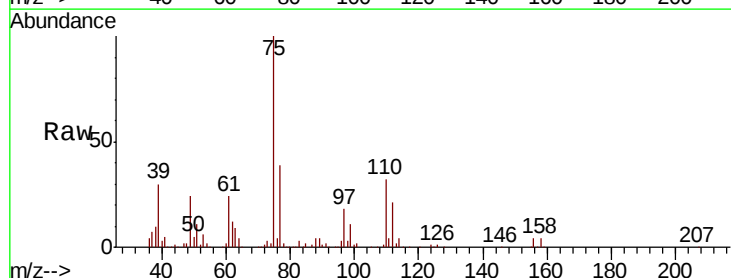
Manual Integrations
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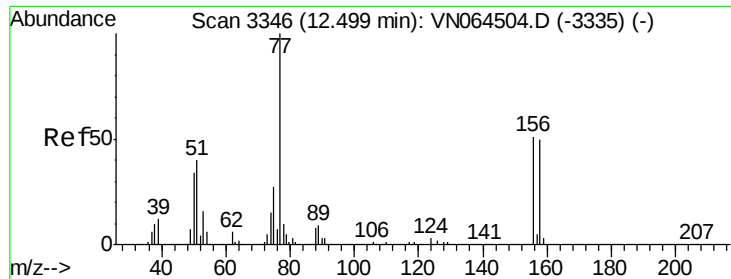
MMDadoda
 11/10/2020 1:10:31 PM



#72
 1,2,3-Trichloropropane
 Concen: 55.315 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	187.9	0.0	379.4





#73

Bromobenzene

Concen: 50.396 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

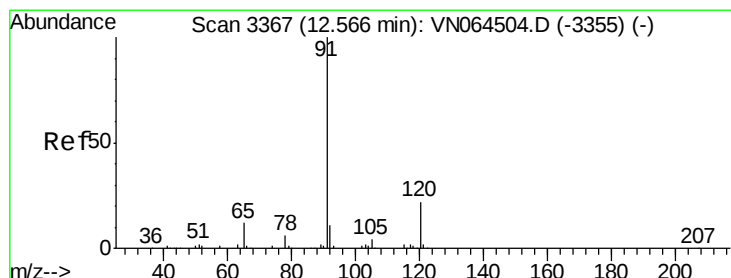
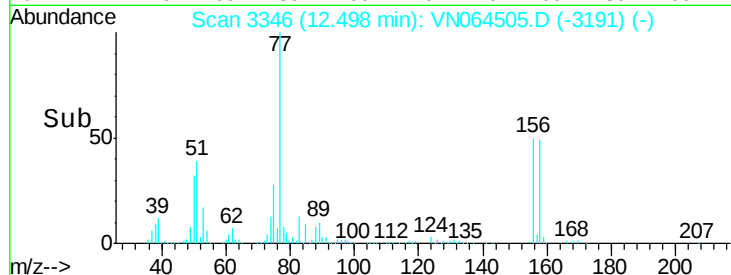
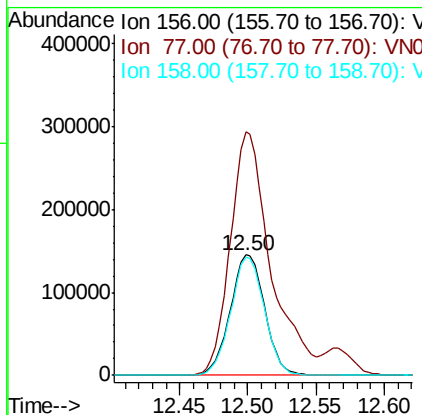
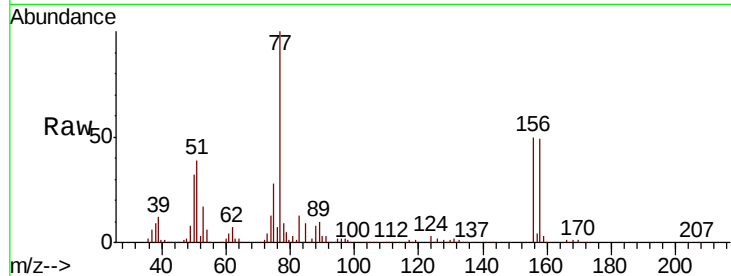
ClientSampleId :

VSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		254544		
77	236.9	0.0	480.2		
158	96.5	0.0	194.0		

Manual Integrations
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#74

n-propylbenzene

Concen: 56.857 ug/l

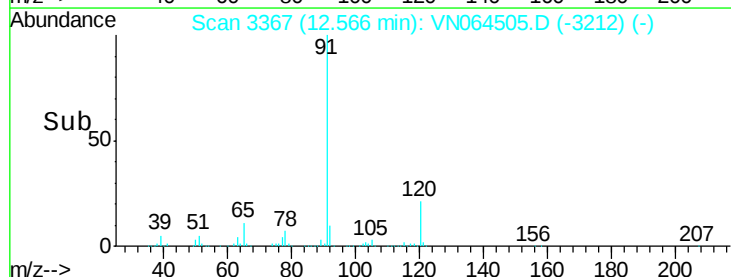
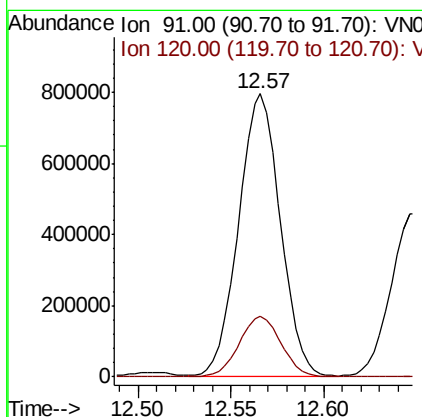
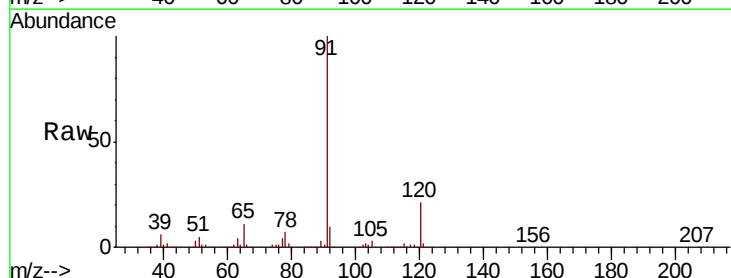
RT: 12.57 min Scan# 3367

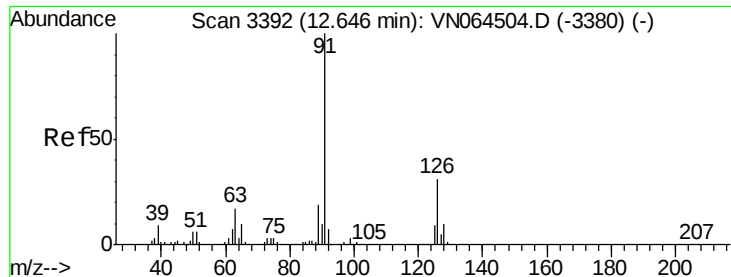
Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1245230		
120	21.5	0.0	42.8		





#75

2-Chlorotoluene

Concen: 54.794 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 759063

Ion Ratio Lower Upper

91 100

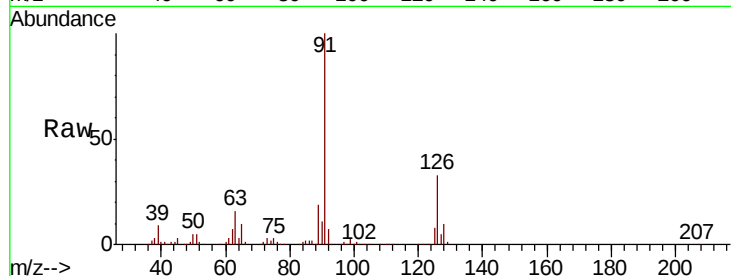
126 32.1 0.0 61.8

Manual Integrations

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11/10/2020 1:10:31 PM



Abundance Ion 91.00 (90.70 to 91.70): VN064505.D (-3237) (-)

Ion 126.00 (125.70 to 126.70): VN064505.D (-3237) (-)

600000

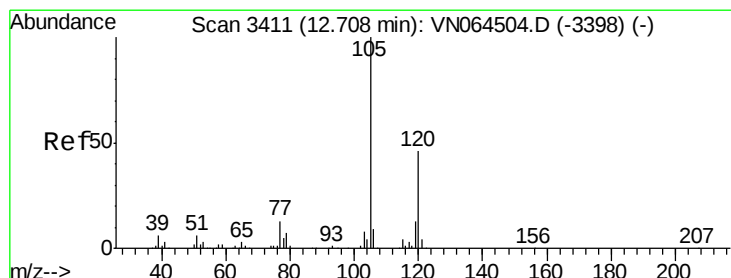
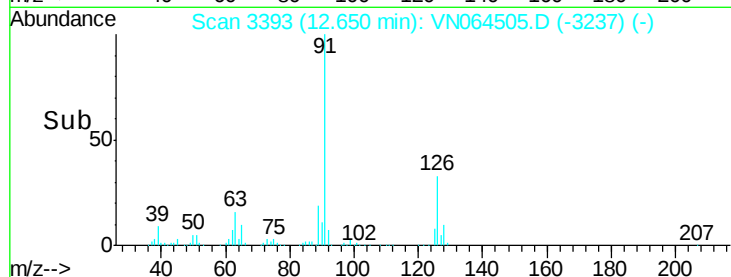
400000

200000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 54.358 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064505.D

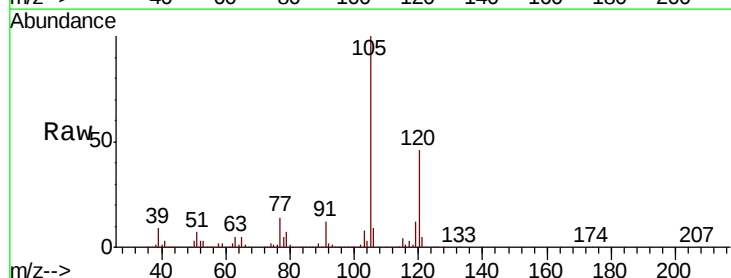
Acq: 9 Nov 2020 12:13

Tgt Ion: 105 Resp: 890963

Ion Ratio Lower Upper

105 100

120 46.4 0.0 90.4



Abundance Ion 105.00 (104.70 to 105.70): VN064505.D (-3256) (-)

Ion 120.00 (119.70 to 120.70): VN064505.D (-3256) (-)

600000

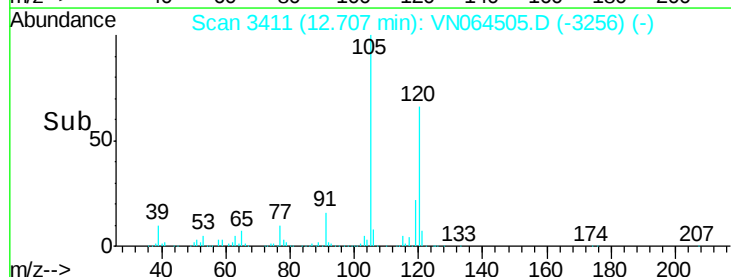
400000

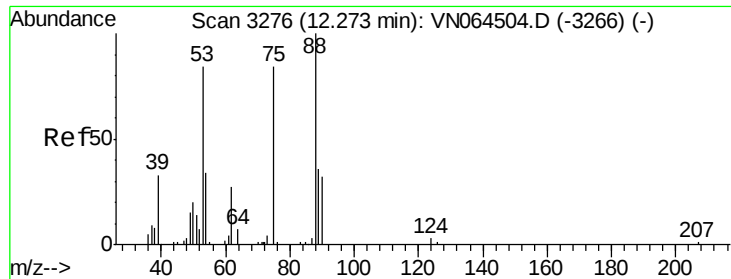
200000

0

12.60 12.70 12.80

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 60.354 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

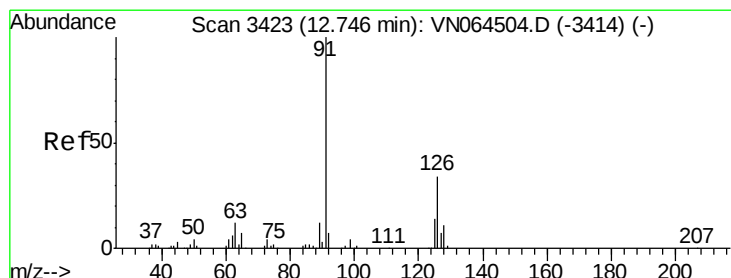
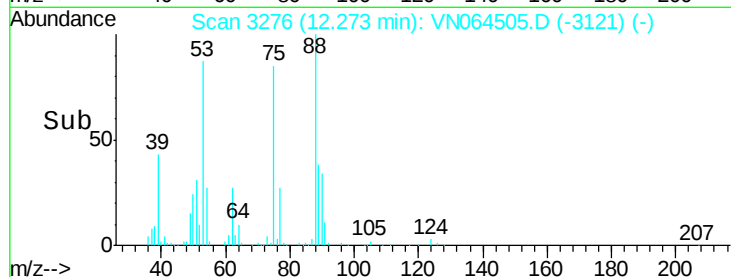
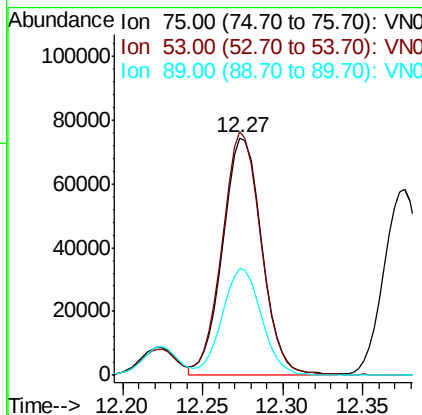
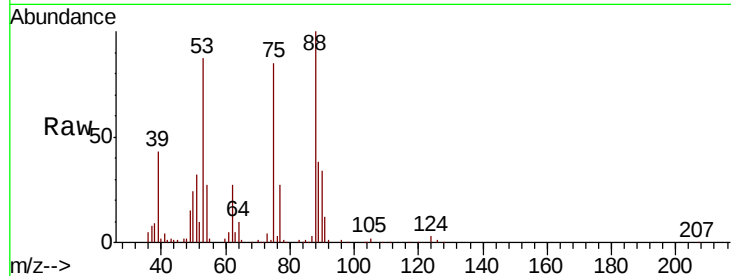
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	124529
Ion	Ratio	Lower	Upper
75	100		
53	102.6	50.3	150.9
89	44.8	23.3	69.8

Manual Integrations
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11/10/2020 1:10:31 PM



#78

4-Chlorotoluene

Concen: 55.956 ug/l

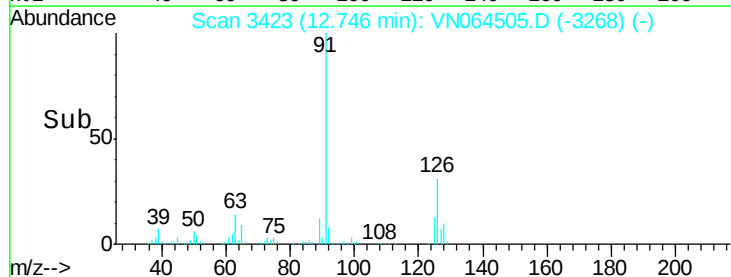
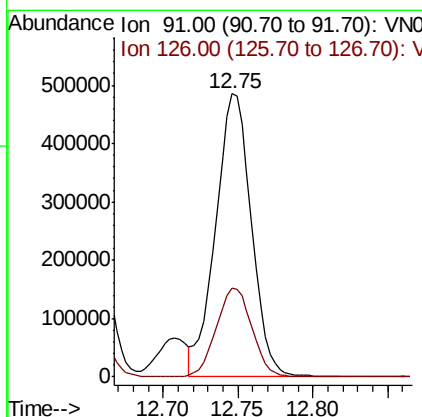
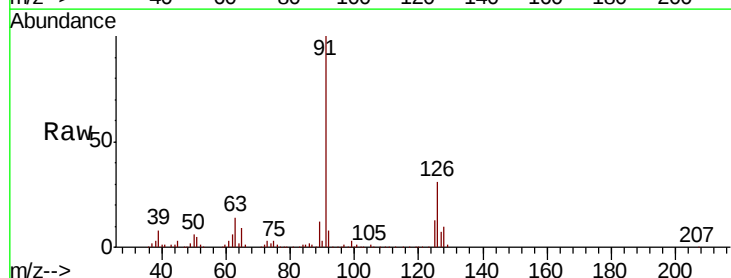
RT: 12.75 min Scan# 3423

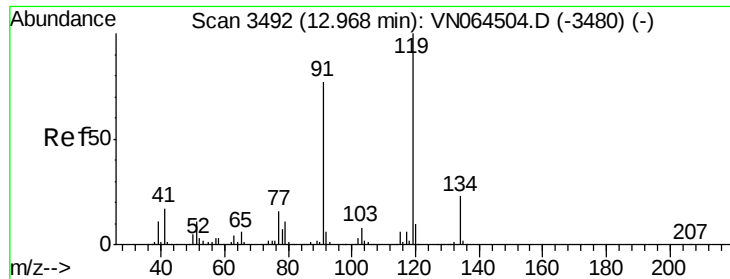
Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Tgt Ion:	91	Resp:	805061
Ion	Ratio	Lower	Upper
91	100		
126	31.5	0.0	61.8





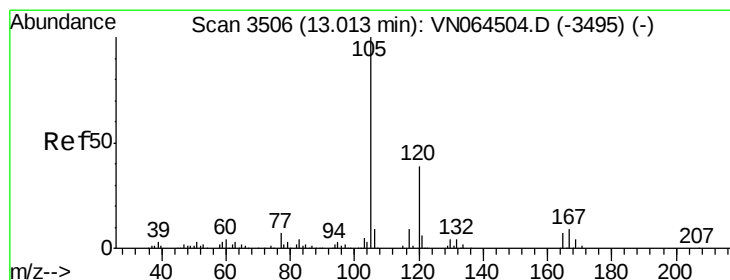
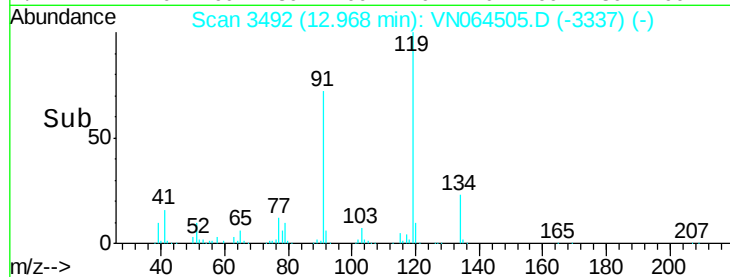
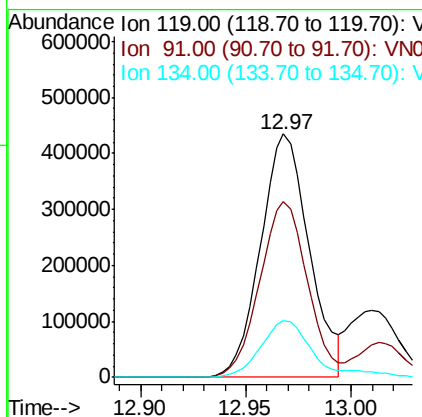
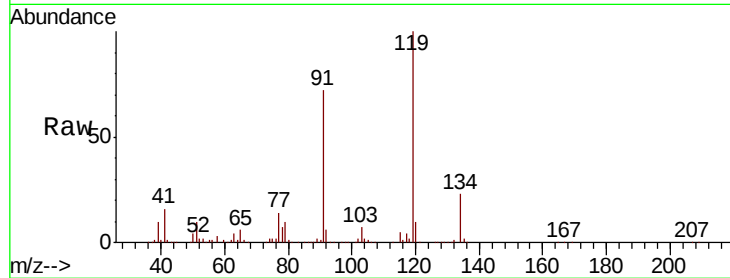
#79
tert-butylbenzene
Concen: 54.129 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	697446		
91	70.6	0.0	147.8	
134	23.4	0.0	50.6	

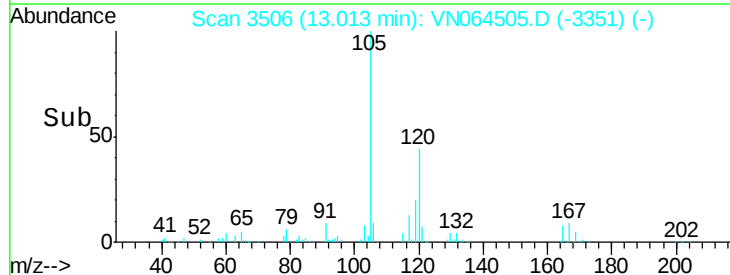
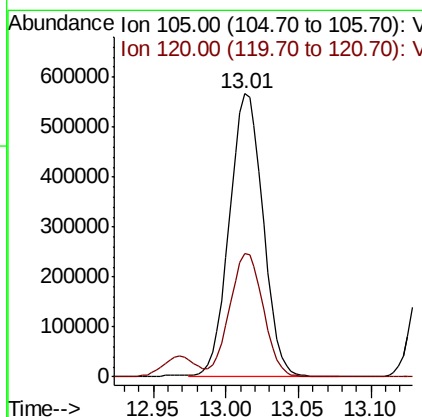
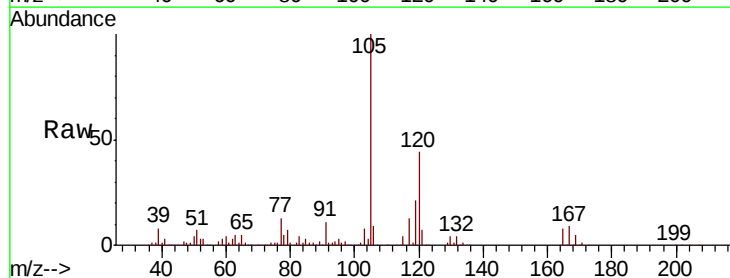
Manual Integrations
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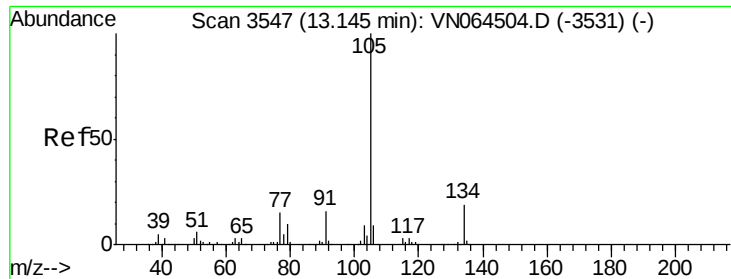
MMDadoda
11/10/2020 1:10:31 PM



#80
1,2,4-Trimethylbenzene
Concen: 55.450 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	915257		
120	43.6	0.0	88.6	





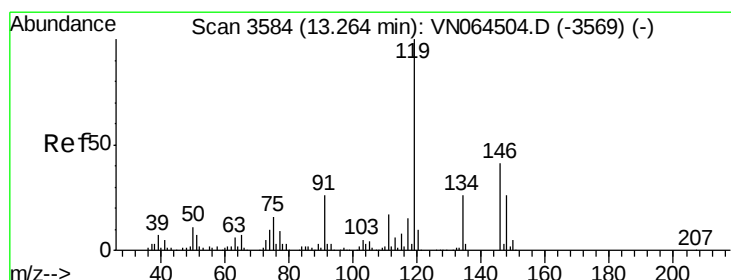
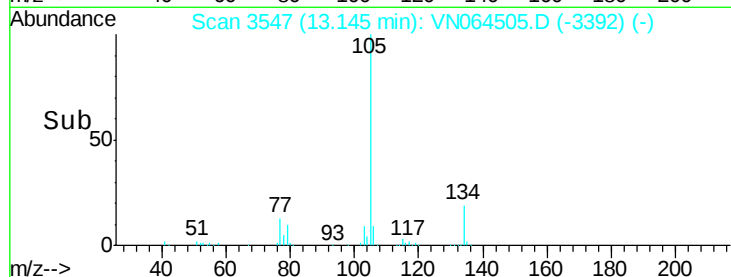
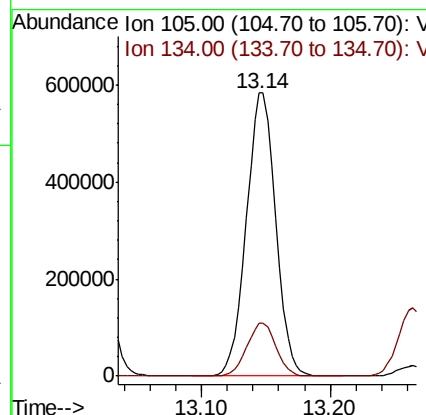
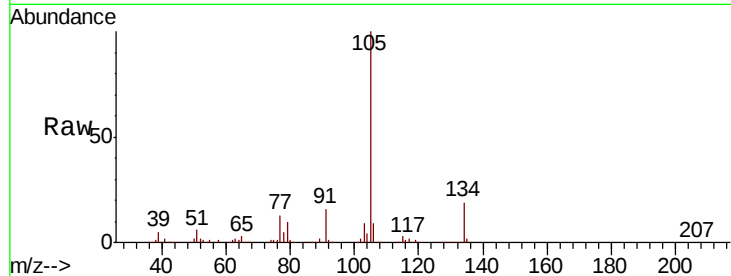
#81
 sec-Butylbenzene
 Concen: 55.502 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	0.0	37.8

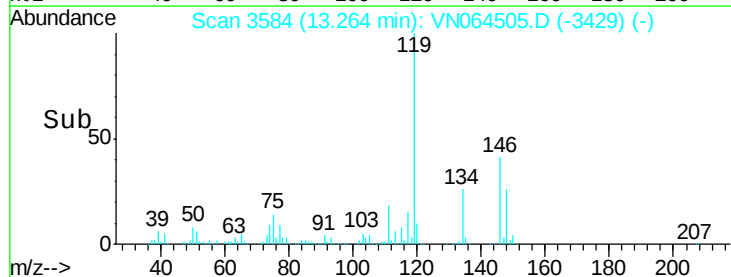
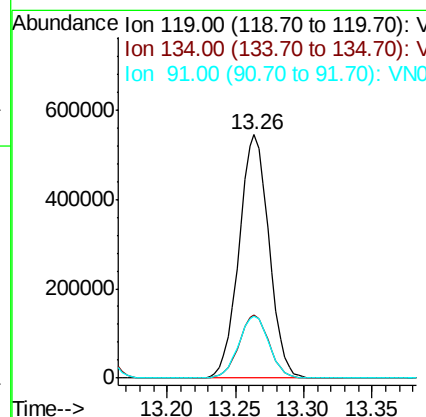
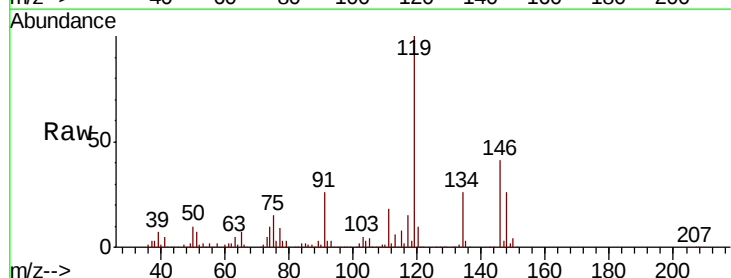
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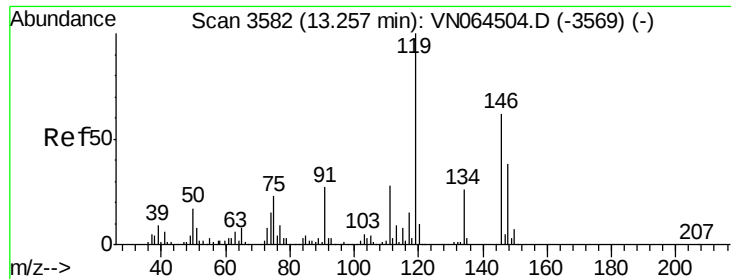
MMDadoda
 11/10/2020 1:10:31 PM



#82
 p-Isopropyltoluene
 Concen: 54.605 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	0.0	53.0
91	25.8	0.0	53.2





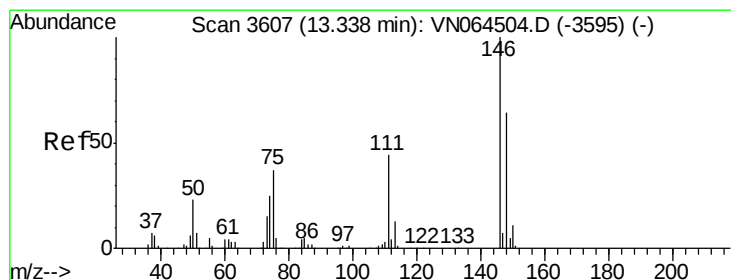
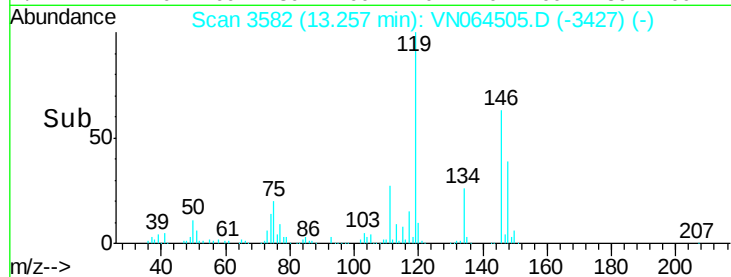
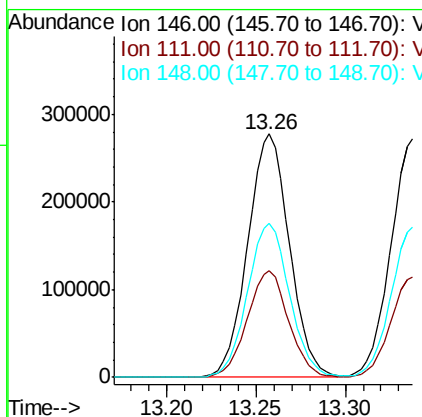
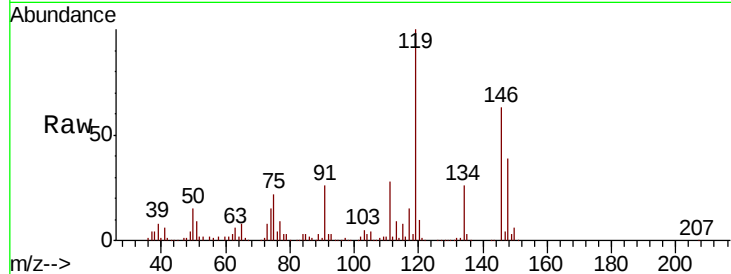
#83
 1,3-Dichlorobenzene
 Concen: 52.178 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.3	66.9
148	63.8	31.8	95.3

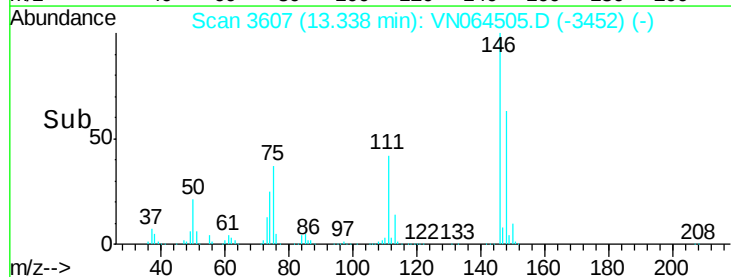
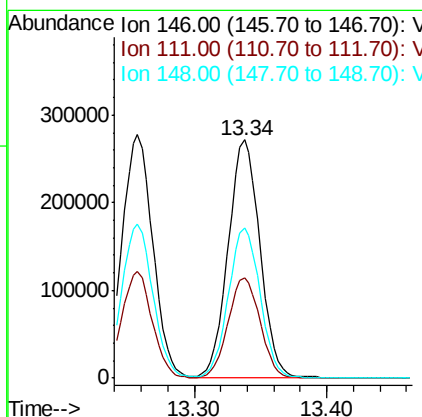
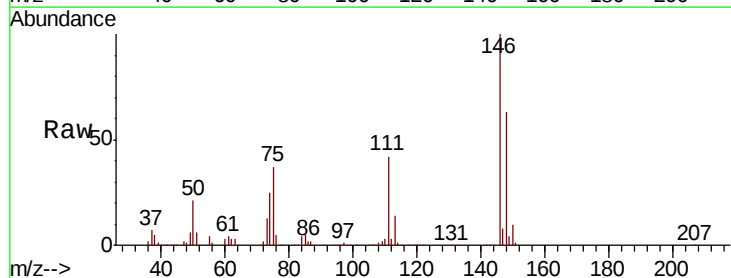
Manual Integrations
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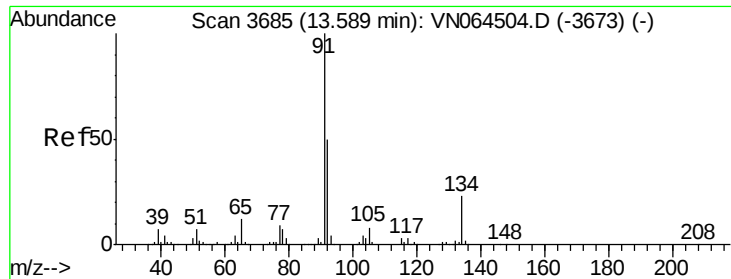
MMDadoda
 11/10/2020 1:10:31 PM



#84
 1,4-Dichlorobenzene
 Concen: 52.001 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.8	65.4
148	62.9	31.5	94.5





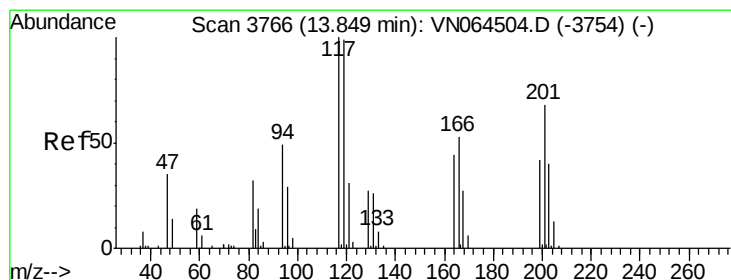
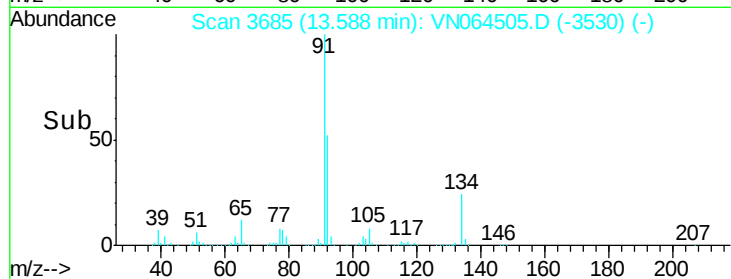
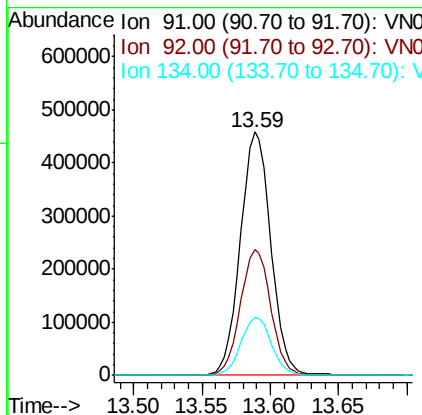
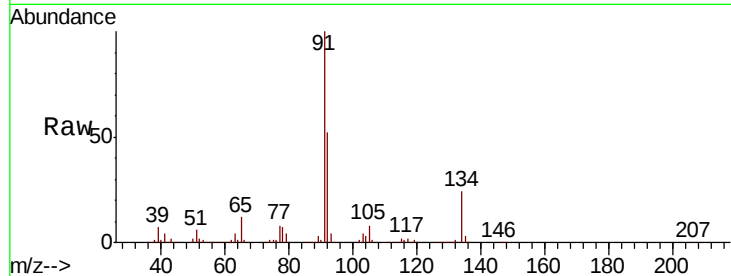
#85
n-Butylbenzene
Concen: 58.492 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	0.0	101.4
134	24.0	0.0	45.2

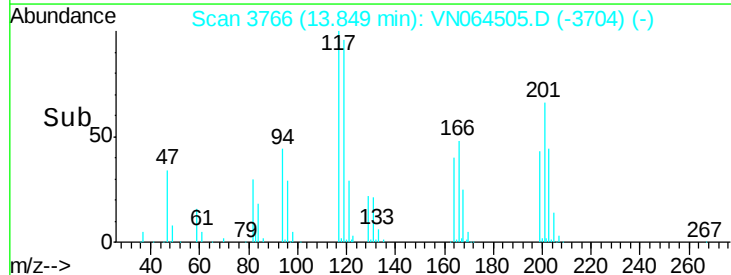
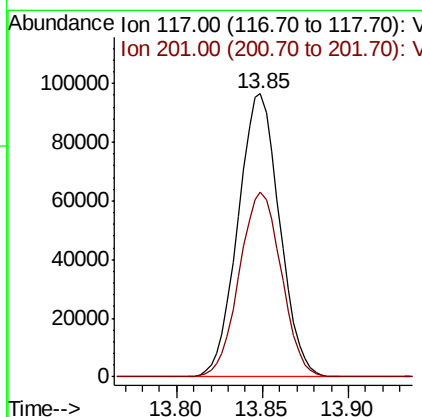
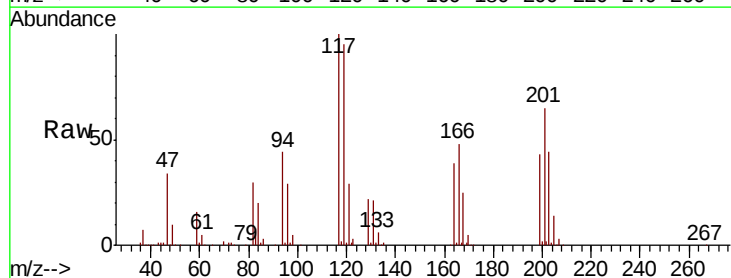
Manual Integrations
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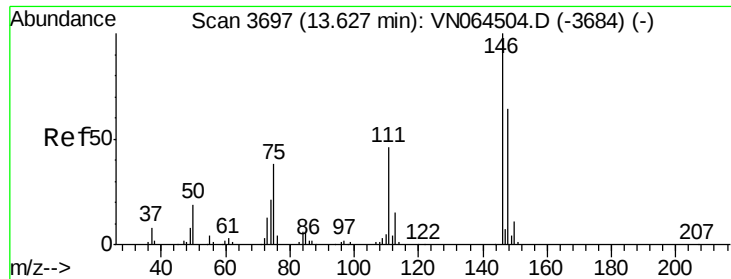
MMDadoda
11/10/2020 1:10:31 PM



#86
Hexachloroethane
Concen: 55.969 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.0	33.1	99.3





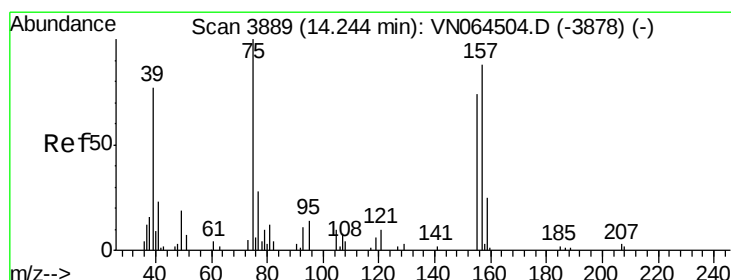
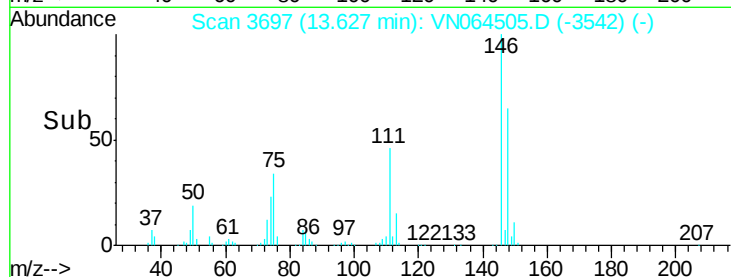
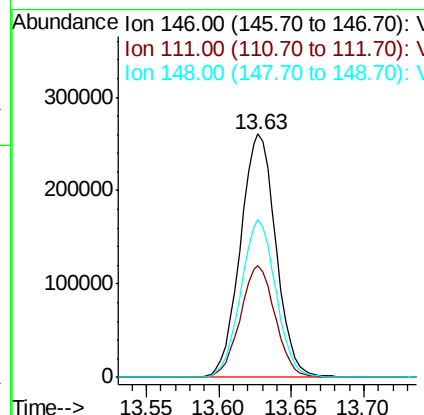
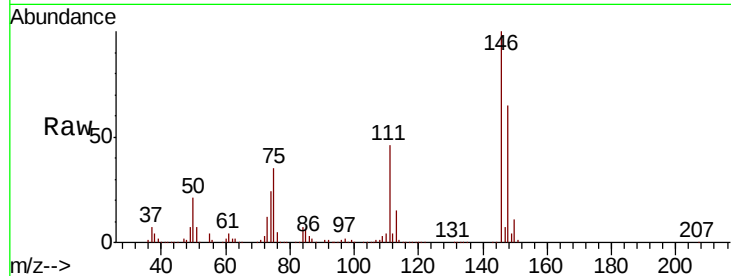
#87
 1,2-Dichlorobenzene
 Concen: 53.155 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	23.1	69.2
148	64.1	32.6	97.8

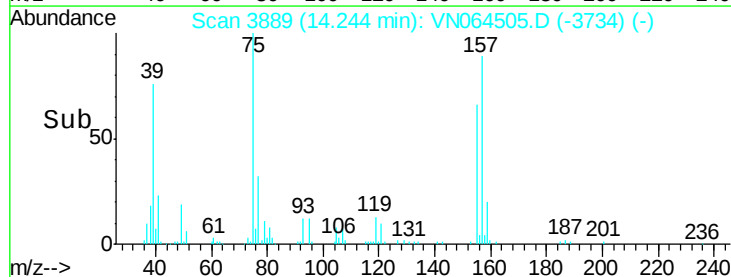
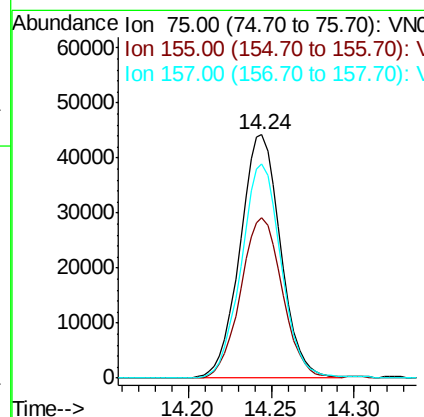
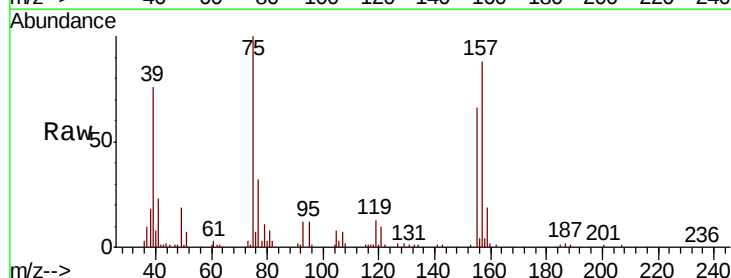
Manual Integrations
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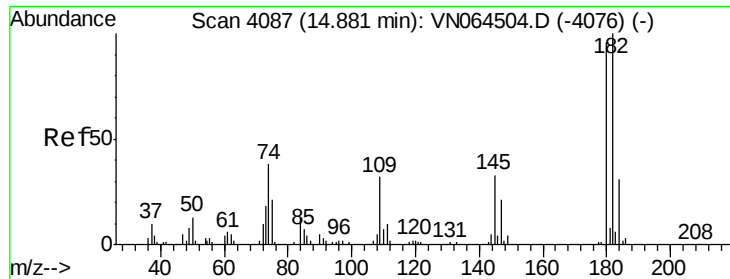
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 11/10/2020 1:10:31 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 62.011 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.6	56.5	84.7
157	86.6	69.7	104.5





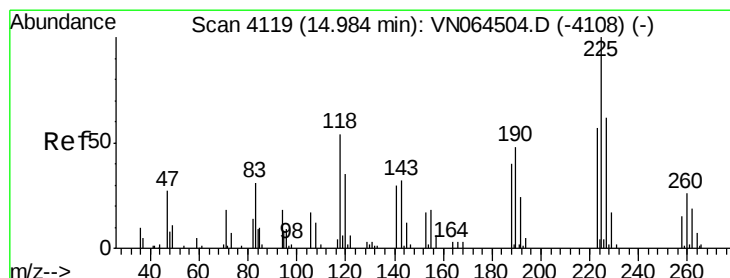
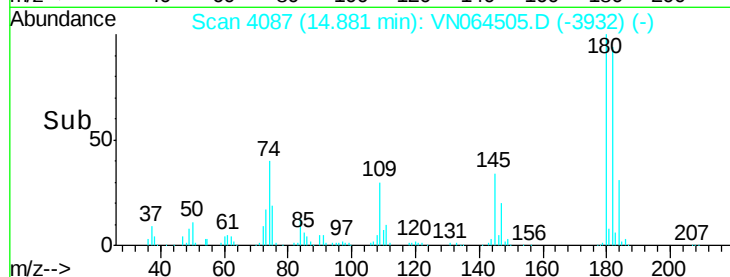
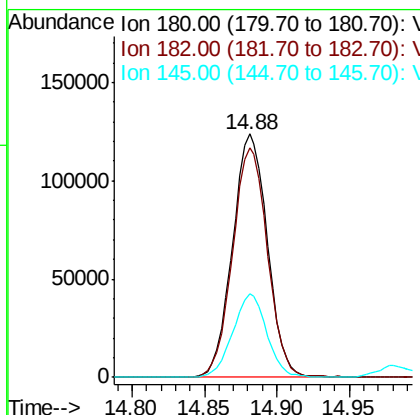
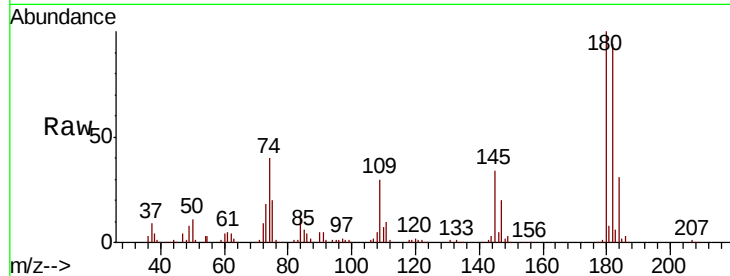
#89
1,2,4-Trichlorobenzene
Concen: 51.415 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	206448		
182	94.4	79.4	119.0	
145	33.3	27.6	41.4	

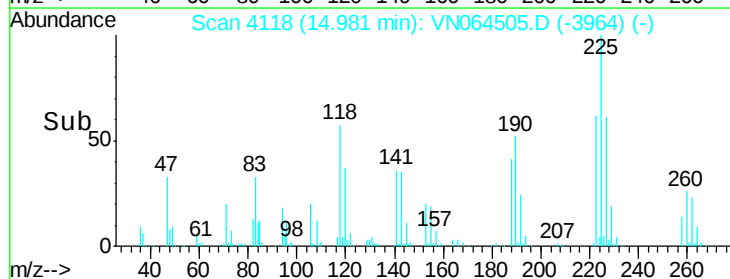
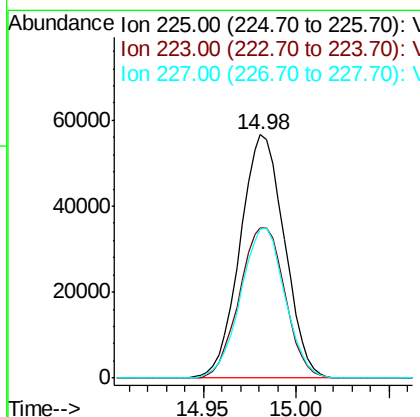
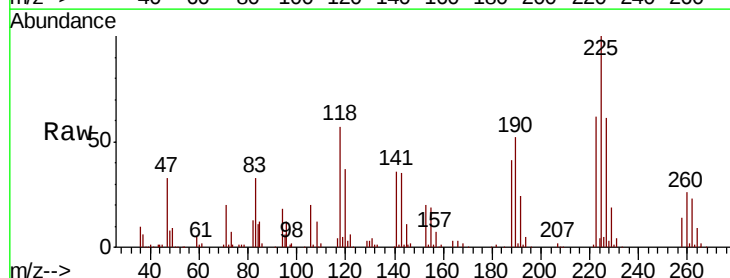
Manual Integrations
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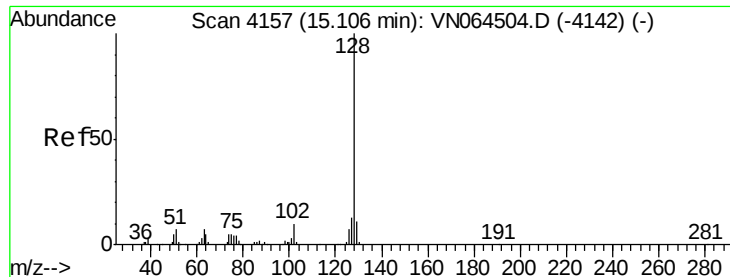
MMDadoda
11/10/2020 1:10:31 PM



#90
Hexachlorobutadiene
Concen: 44.018 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94030		
223	63.0	0.0	125.4	
227	61.6	0.0	122.0	





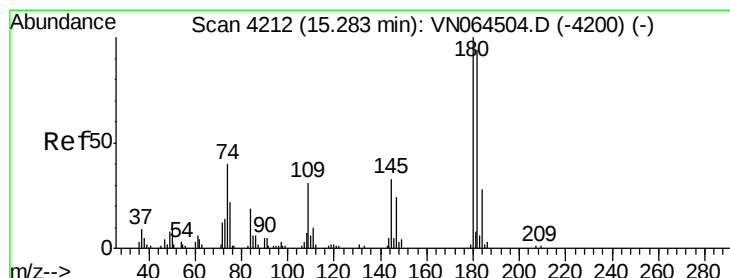
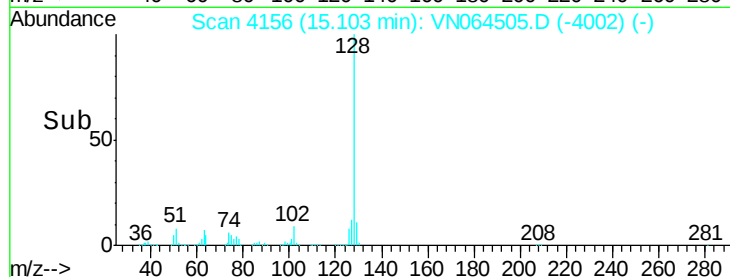
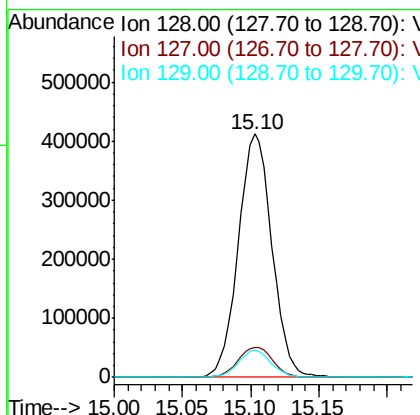
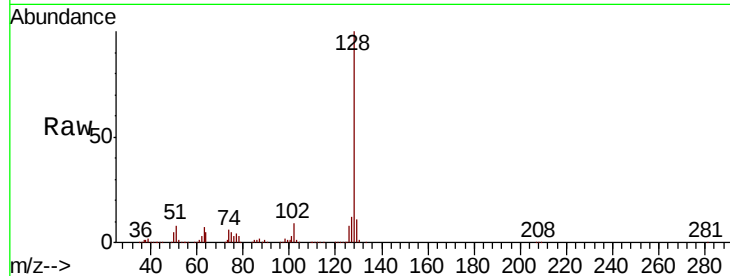
#91
Naphthalene
Concen: 58.071 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.5	12.7

Manual Integrations
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11/10/2020 1:10:31 PM



#92
1,2,3-Trichlorobenzene
Concen: 51.562 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	0.0	186.0
145	34.7	0.0	69.6

