

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061125.D
 Acq On : 22 Apr 2020 13:09
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 11:35:56 AM

Quant Time: Apr 22 15:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 14:48:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	216184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	348340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	319099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	144019	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.72	85	1676	0.685	ug/l	100
3) Chloromethane	1.91	50	2510	0.697	ug/l	98
4) Vinyl Chloride	2.03	62	2827	0.895	ug/l	98
6) Chloroethane	2.52	64	1561	0.873	ug/l	95
7) Trichlorofluoromethane	2.82	101	3201	0.839	ug/l	94
8) Diethyl Ether	3.18	74	1540	0.993	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.50	101	1927	0.834	ug/l #	82
12) 1,1-Dichloroethene	3.48	96	2308	0.991	ug/l	86
14) Allyl chloride	4.02	41	4030	0.949	ug/l	95
15) Acrylonitrile	4.64	53	4802	3.687	ug/l	95
16) Acetone	3.55	43	14617	12.437	ug/l	99
17) Carbon Disulfide	3.79	76	6720	0.923	ug/l	96
18) Methyl Acetate	4.02	43	4739	1.270	ug/l	91
19) Methyl tert-butyl Ether	4.69	73	7622	0.934	ug/l	100
20) Methylene Chloride	4.23	84	2727	1.038	ug/l	90
21) trans-1,2-Dichloroethene	4.69	96	3233	1.283	ug/l #	80
22) Diisopropyl ether	5.61	45	7531	0.829	ug/l	96
23) Vinyl Acetate	5.55	43	28468	3.974	ug/l	100
24) 1,1-Dichloroethane	5.50	63	4056	0.822	ug/l #	84
25) 2-Butanone	6.50	43	7129	3.917	ug/l	95
26) 2,2-Dichloropropane	6.50	77	3868	0.934	ug/l	94
27) cis-1,2-Dichloroethene	6.50	96	3256	1.128	ug/l	82
28) Bromochloromethane	6.89	49	1576	0.707	ug/l #	90
29) Tetrahydrofuran	6.90	42	4839	3.905	ug/l	97
30) Chloroform	7.08	83	4176	0.896	ug/l	98
32) 1,1,1-Trichloroethane	7.29	97	3877	0.959	ug/l #	51
36) 1,1-Dichloropropene	7.52	75	3358	0.941	ug/l	92
37) Ethyl Acetate	6.61	43	3452	0.898	ug/l #	76
38) Carbon Tetrachloride	7.50	117	2610	0.875	ug/l	89
39) Methylcyclohexane	8.85	83	3941	0.922	ug/l	88
40) Benzene	7.78	78	10116	0.956	ug/l	97
41) Methacrylonitrile	6.86	41	1243	0.763	ug/l #	37
42) 1,2-Dichloroethane	7.86	62	3504	0.967	ug/l	81
43) Isopropyl Acetate	7.91	43	5633	0.900	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.60	130	3005	1.102	ug/l	91
45) 1,2-Dichloropropane	8.89	63	2797	0.982	ug/l	92
46) Dibromomethane	8.98	93	1693	1.014	ug/l	94
47) Bromodichloromethane	9.18	83	3005	0.859	ug/l #	97
48) Methyl methacrylate	8.98	41	2694	0.966	ug/l	89
49) 1,4-Dioxane	8.97	88	1734	51.255	ug/l #	88
51) 4-Methyl-2-Pentanone	9.78	43	15609	4.310	ug/l	96
52) Toluene	9.95	92	6120	0.958	ug/l	98
53) t-1,3-Dichloropropene	10.18	75	4083	1.004	ug/l	93
54) cis-1,3-Dichloropropene	9.63	75	4038	0.913	ug/l #	87
55) 1,1,2-Trichloroethane	10.36	97	2384	0.985	ug/l	97
56) Ethyl methacrylate	10.23	69	3175	0.839	ug/l #	81
57) 1,3-Dichloropropane	10.51	76	3967	0.925	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.49	63	8210	4.569	ug/l	100
59) 2-Hexanone	10.55	43	10986	4.195	ug/l	96
60) Dibromochloromethane	10.70	129	2255	0.903	ug/l	98
61) 1,2-Dibromoethane	10.80	107	2255	0.909	ug/l	95
64) Tetrachloroethene	10.43	164	3621	1.405	ug/l	93
65) Chlorobenzene	11.24	112	6436	0.976	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	2118	0.896	ug/l #	58
67) Ethyl Benzene	11.32	91	11924	0.963	ug/l	100
68) m/p-Xylenes	11.43	106	8550	1.900	ug/l	96
69) o-Xylene	11.75	106	4426	1.023	ug/l	91
70) Styrene	11.77	104	6331	0.909	ug/l	97
71) Bromoform	11.93	173	1379	0.782	ug/l #	90
73) Isopropylbenzene	12.06	105	11106	0.966	ug/l	98
74) N-amyl acetate	11.89	43	4834	0.911	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.32	83	2932	0.854	ug/l	92
76) 1,2,3-Trichloropropane	12.36	75	3312m	1.029	ug/l	
77) Bromobenzene	12.33	156	2649	0.979	ug/l	95
78) n-propylbenzene	12.40	91	12755	0.952	ug/l	100
79) 2-Chlorotoluene	12.48	91	7478	0.951	ug/l	97
80) 1,3,5-Trimethylbenzene	12.55	105	9215	0.971	ug/l	99
82) 4-Chlorotoluene	12.58	91	8153	1.000	ug/l	95
83) tert-Butylbenzene	12.80	119	7671	0.957	ug/l	98
84) 1,2,4-Trimethylbenzene	12.85	105	9242	0.984	ug/l	98
85) sec-Butylbenzene	12.98	105	10496	0.970	ug/l	99
86) p-Isopropyltoluene	13.10	119	9296	0.962	ug/l	98
87) 1,3-Dichlorobenzene	13.09	146	4758	0.992	ug/l	97
88) 1,4-Dichlorobenzene	13.17	146	4962m	1.026	ug/l	
89) n-Butylbenzene	13.43	91	8552	0.956	ug/l	98
90) Hexachloroethane	13.68	117	308	0.222	ug/l	61
91) 1,2-Dichlorobenzene	13.46	146	4306	0.942	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.07	75	628	0.935	ug/l	86
93) 1,2,4-Trichlorobenzene	14.71	180	3024	1.108	ug/l	97
94) Hexachlorobutadiene	14.82	225	1374	1.000	ug/l	92
95) Naphthalene	14.93	128	9012	1.117	ug/l	97
96) 1,2,3-Trichlorobenzene	15.10	180	2868	1.090	ug/l	95

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MSVOA_N
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VSTDICC001

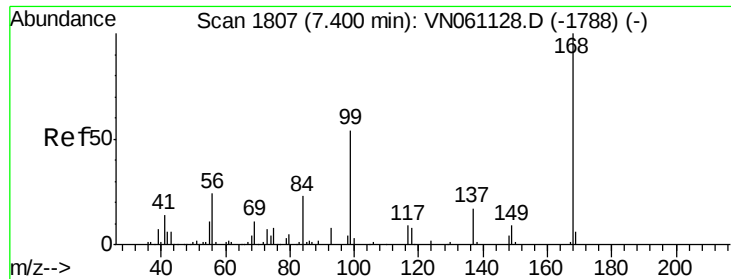
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 216184

Ion Ratio Lower Upper

168 100

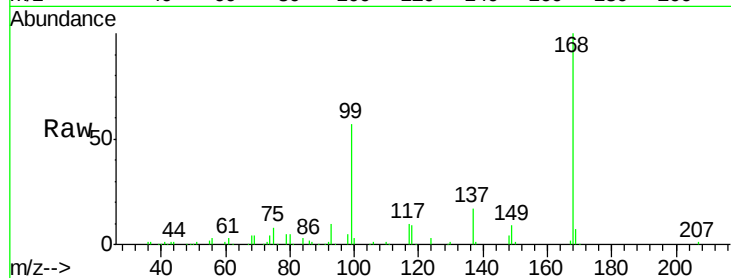
99 56.6 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.40

100000

80000

60000

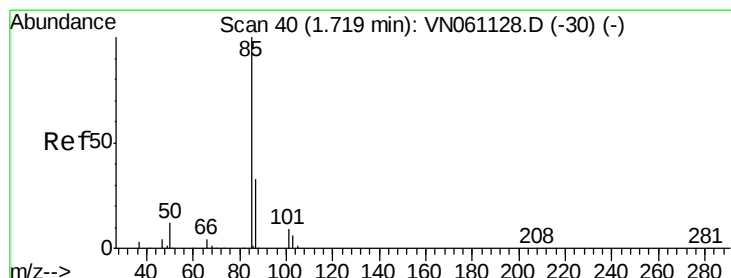
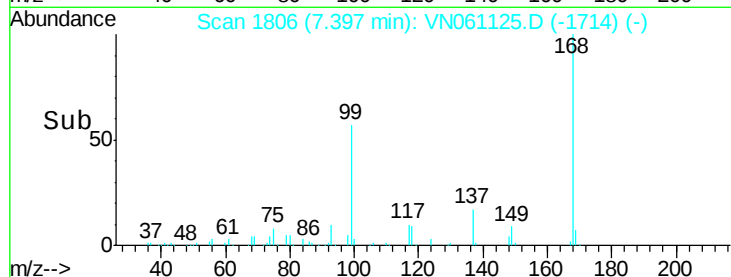
40000

20000

0

7.30 7.40 7.50

Time-->



#2

Dichlorodifluoromethane

Concen: 0.685 ug/l

RT: 1.72 min Scan# 40

Delta R.T. -0.00 min

Lab File: VN061125.D

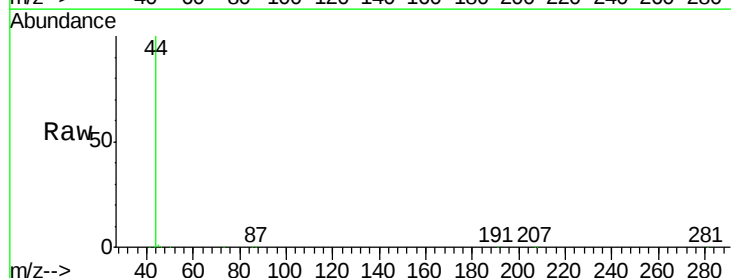
Acq: 22 Apr 2020 13:09

Tgt Ion: 85 Resp: 1676

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.72

1500

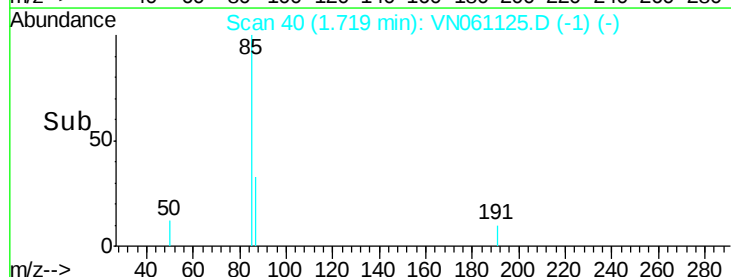
1000

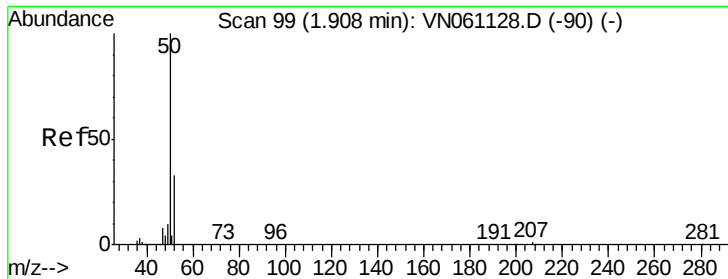
500

0

1.68 1.70 1.72 1.74

Time-->





#3

Chloromethane

Concen: 0.697 ug/l

RT: 1.91 min Scan# 99

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2510

Ion Ratio Lower Upper

50 100

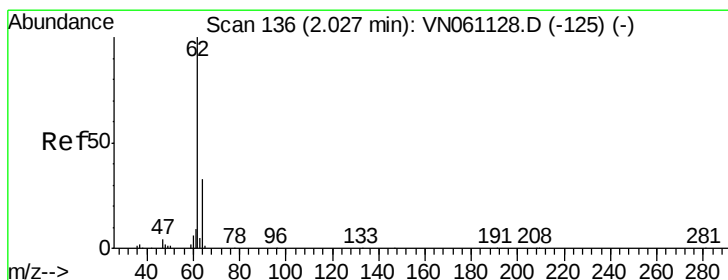
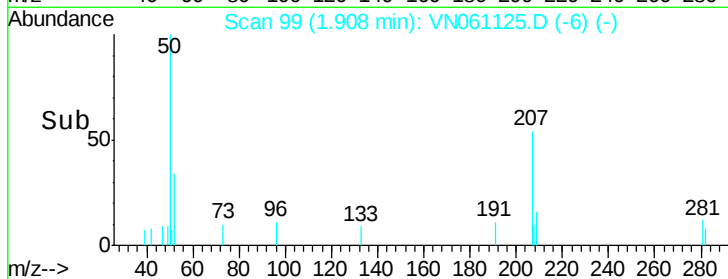
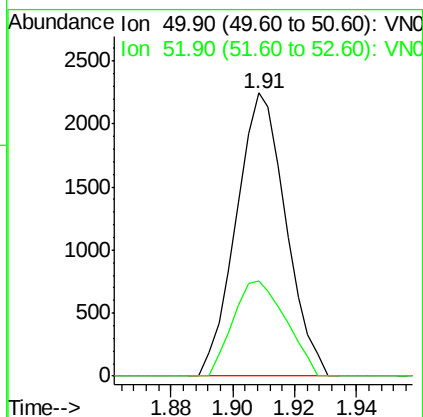
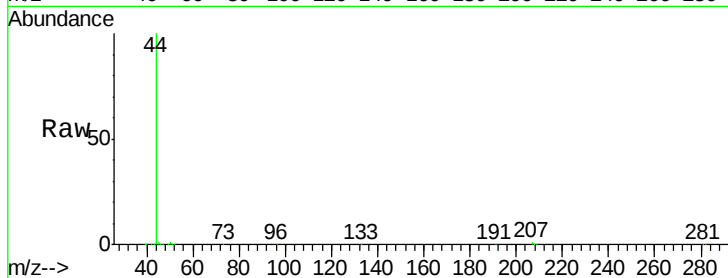
52 33.8 26.3 39.5

Manual Integrations

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4/23/2020 11:35:56 AM



#4

Vinyl Chloride

Concen: 0.895 ug/l

RT: 2.03 min Scan# 136

Delta R.T. -0.00 min

Lab File: VN061125.D

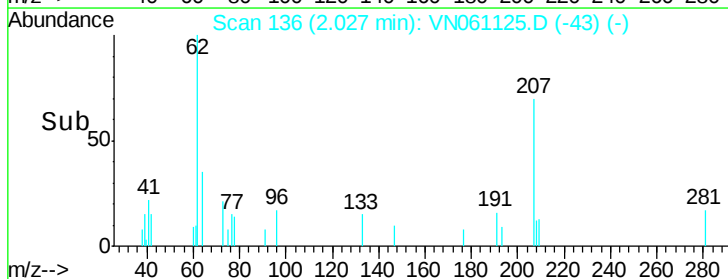
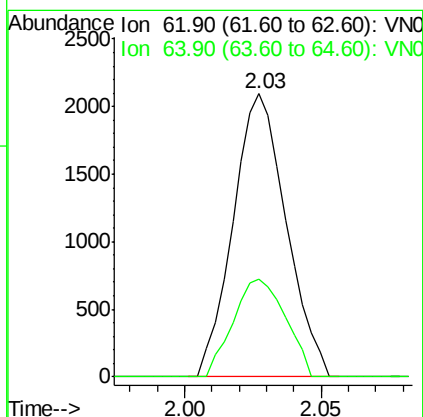
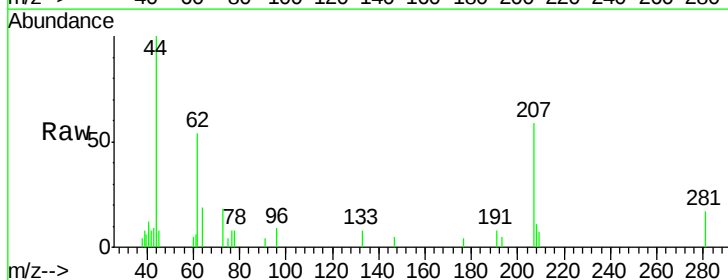
Acq: 22 Apr 2020 13:09

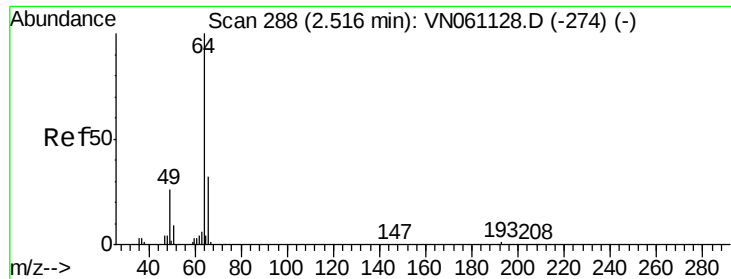
Tgt Ion: 62 Resp: 2827

Ion Ratio Lower Upper

62 100

64 34.5 26.6 40.0





#6

Chloroethane

Concen: 0.873 ug/l

RT: 2.52 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 64 Resp: 1561

Ion Ratio Lower Upper

64 100

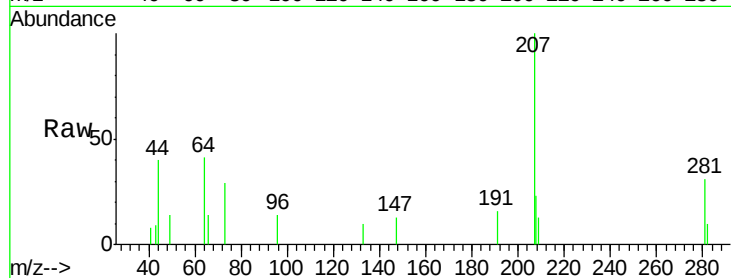
66 34.3 25.4 38.2

Manual Integrations

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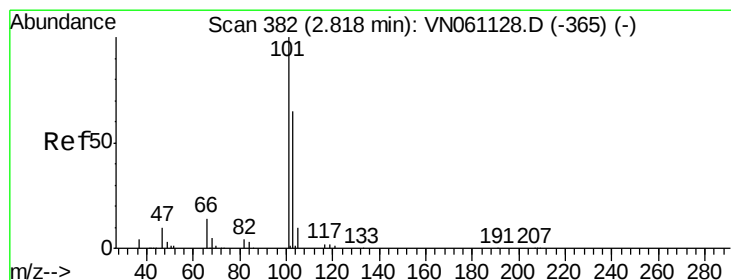
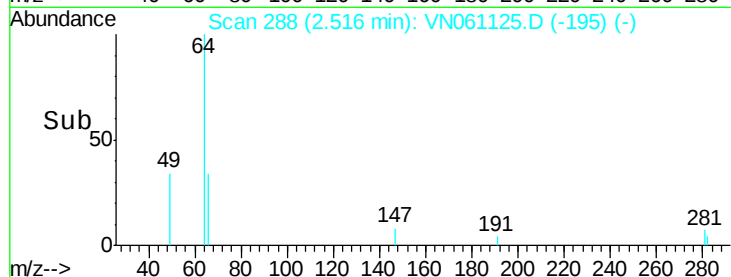


Abundance Ion 63.90 (63.60 to 64.60): VN061125.D (-195) (-)

Ion 65.90 (65.60 to 66.60): VN061125.D (-195) (-)

2.52

Time-->



#7

Trichlorofluoromethane

Concen: 0.839 ug/l

RT: 2.82 min Scan# 382

Delta R.T. -0.00 min

Lab File: VN061125.D

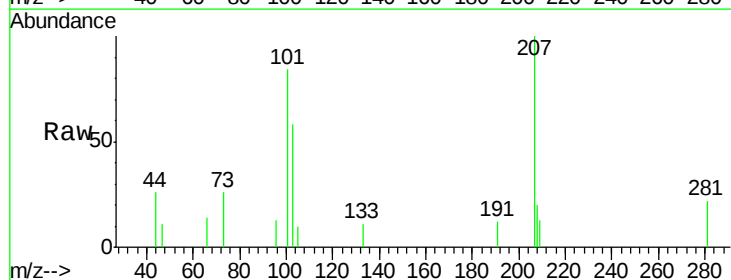
Acq: 22 Apr 2020 13:09

Tgt Ion: 101 Resp: 3201

Ion Ratio Lower Upper

101 100

103 69.8 52.1 78.1

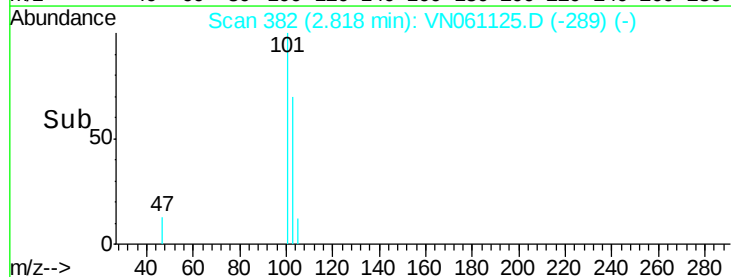


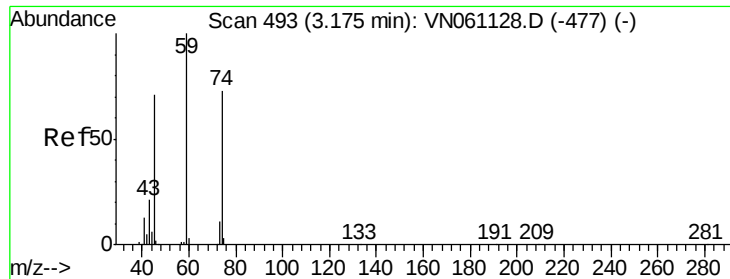
Abundance Ion 100.90 (100.60 to 101.60): VN061125.D (-289) (-)

Ion 102.80 (102.50 to 103.50): VN061125.D (-289) (-)

2.82

Time-->





#8

Diethyl Ether

Concen: 0.993 ug/l

RT: 3.18 min Scan# 493

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1540

Ion Ratio Lower Upper

74 100

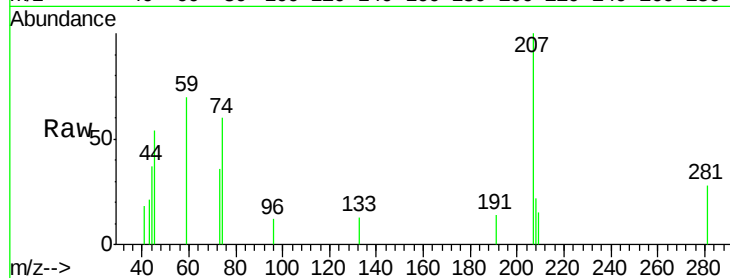
45 101.2 49.1 147.4

Manual Integrations

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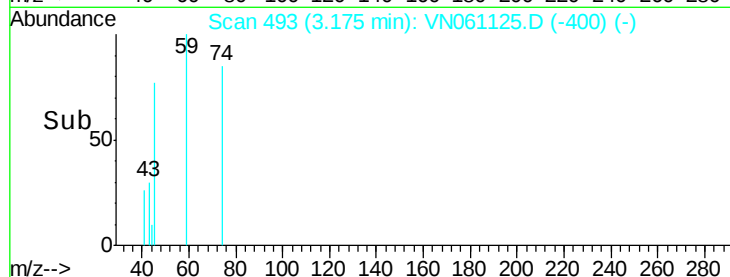


Abundance Ion 74.00 (73.70 to 74.70): VN0

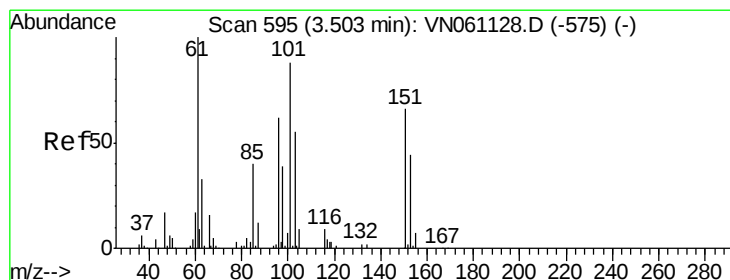
Ion 45.00 (44.70 to 45.70): VN0

3.18

3.20



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.834 ug/l

RT: 3.50 min Scan# 594

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

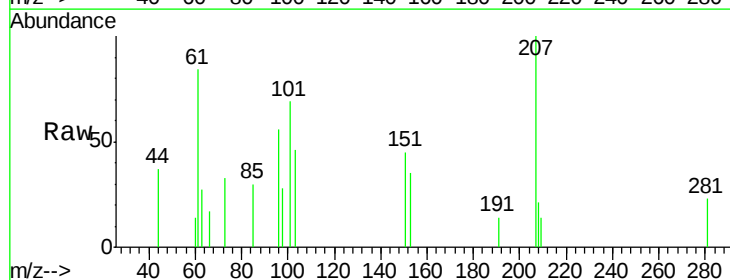
Tgt Ion: 101 Resp: 1927

Ion Ratio Lower Upper

101 100

85 23.0 36.2 54.4#

151 70.1 61.8 92.8



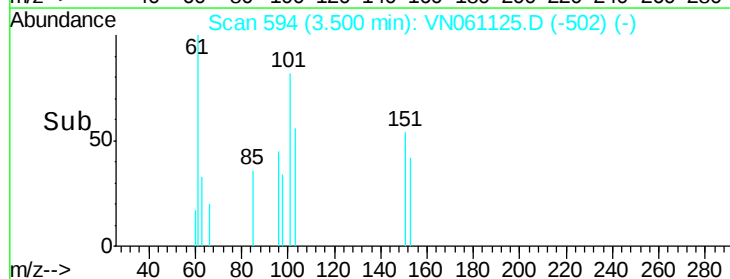
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

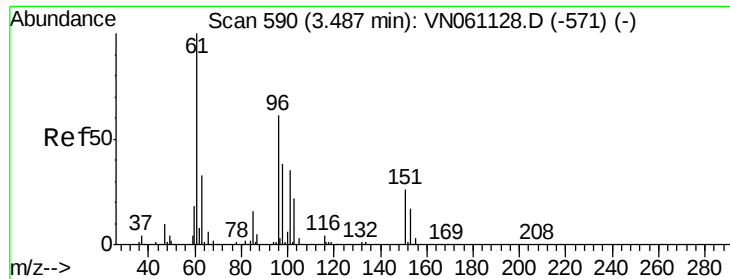
Ion 150.80 (150.50 to 151.50): V

3.50

3.45 3.50 3.55



Time-->



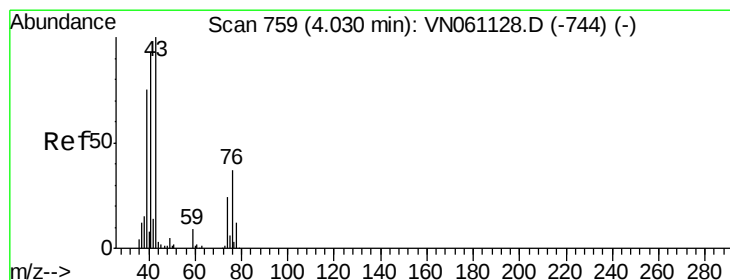
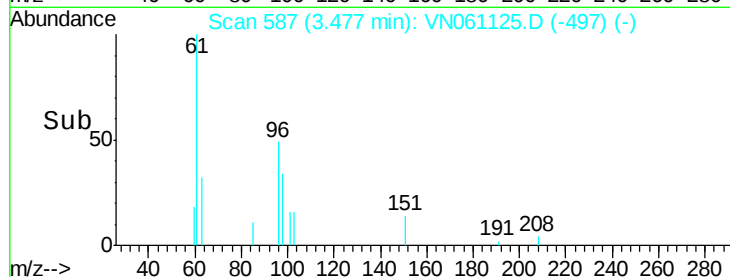
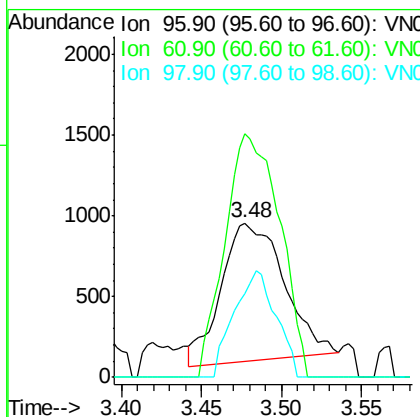
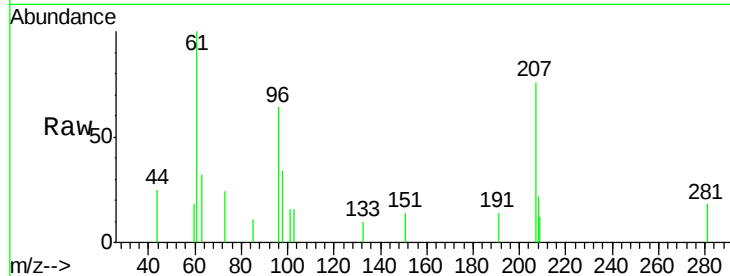
#12
1,1-Dichloroethene
Concen: 0.991 ug/l
RT: 3.48 min Scan# 587
Delta R.T. -0.01 min
Lab File: VN061125.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	187.2	130.8	196.2
98	64.1	49.4	74.2

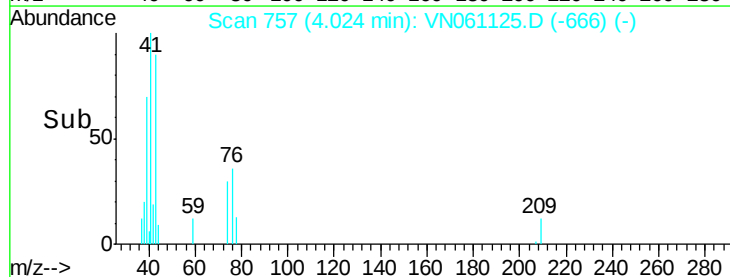
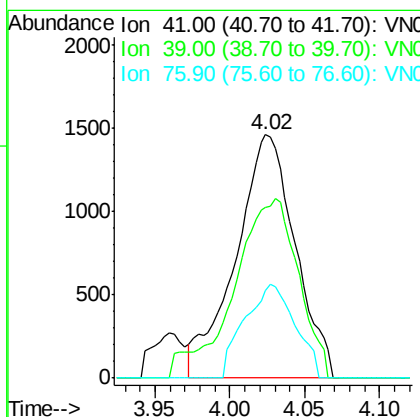
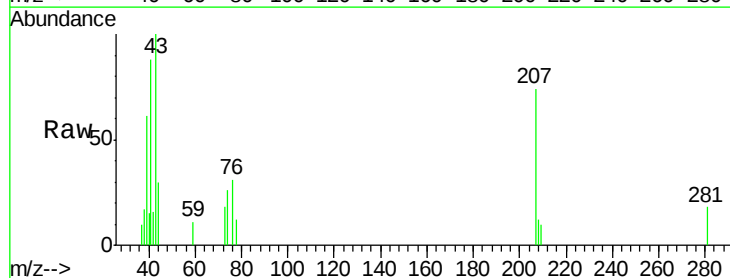
Manual Integrations
APPROVED

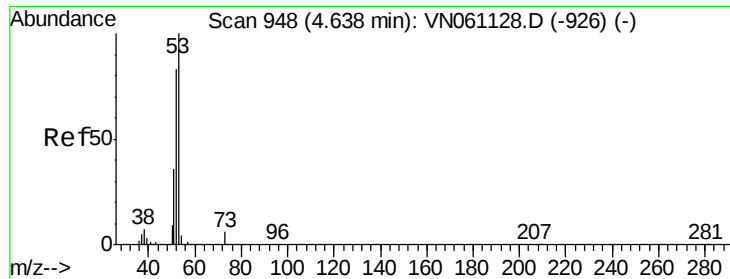
MMDadoda
4/23/2020 11:35:56 AM



#14
Allyl chloride
Concen: 0.949 ug/l
RT: 4.02 min Scan# 757
Delta R.T. -0.01 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.1	61.0	91.4
76	32.6	28.9	43.3





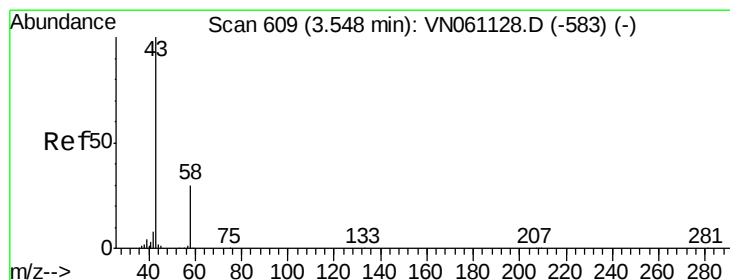
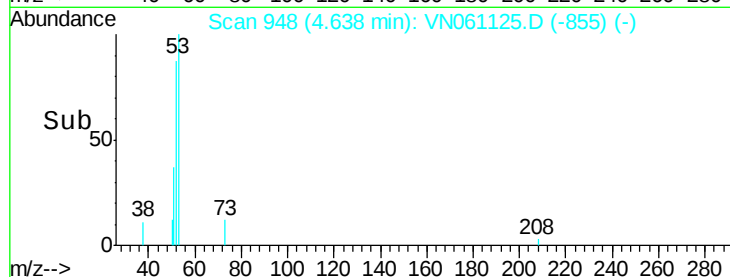
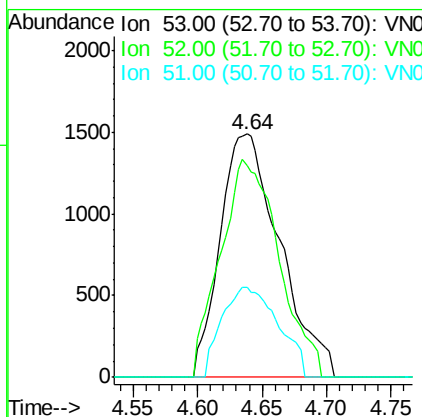
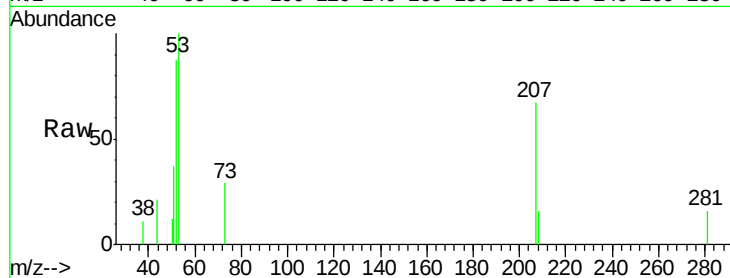
#15
 Acrylonitrile
 Concen: 3.687 ug/l
 RT: 4.64 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:	53	Resp:	4802
Ion	Ratio	Lower	Upper
53	100		
52	87.6	66.1	99.1
51	34.8	29.0	43.4

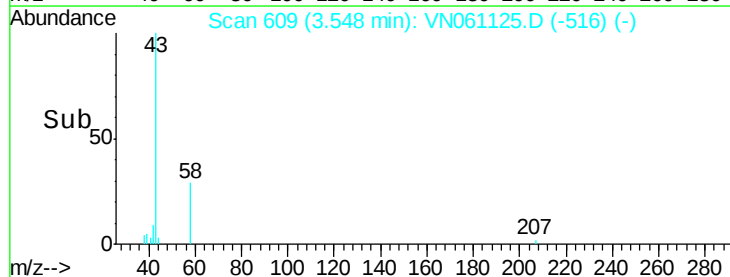
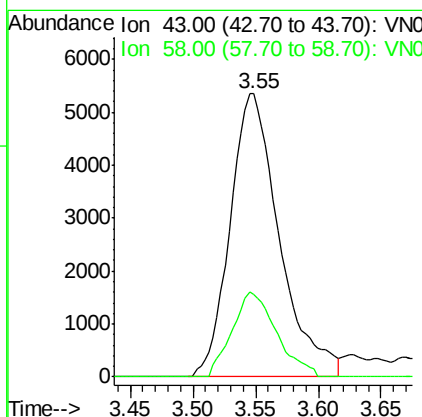
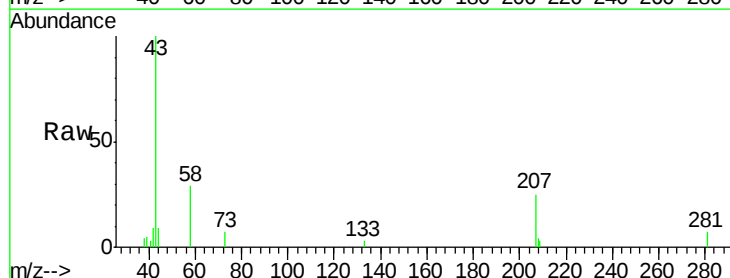
Manual Integrations
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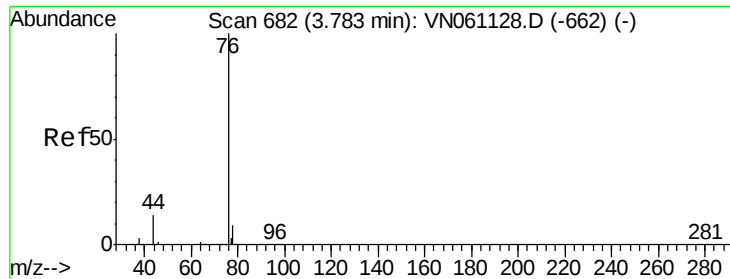
MMDadoda
 4/23/2020 11:35:56 AM



#16
 Acetone
 Concen: 12.437 ug/l
 RT: 3.55 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion:	43	Resp:	14617
Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.6	35.4





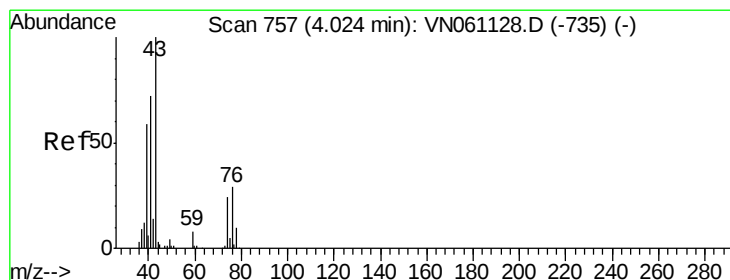
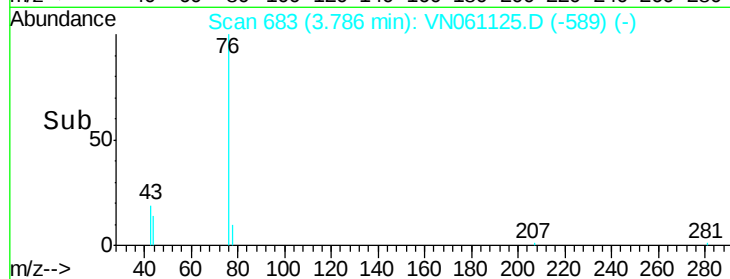
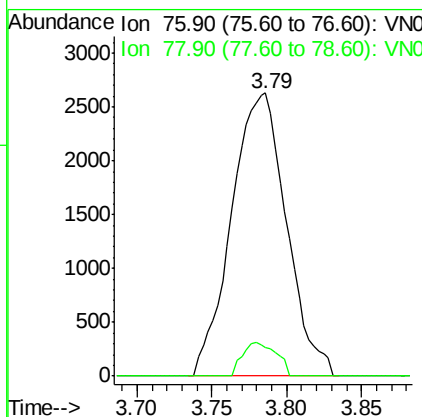
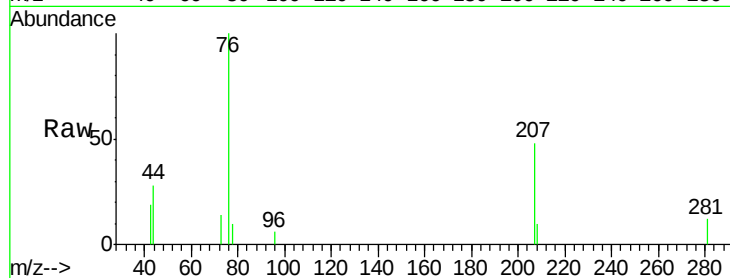
#17
Carbon Disulfide
Concen: 0.923 ug/l
RT: 3.79 min Scan# 683
Delta R.T. 0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.2	10.8

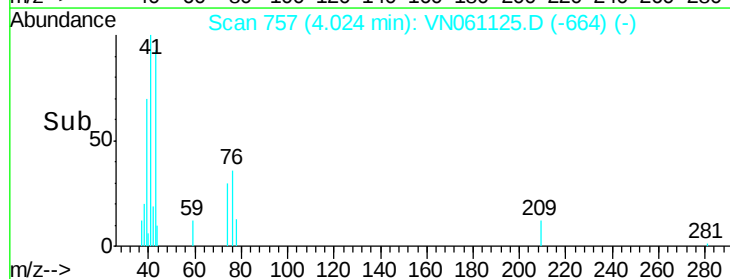
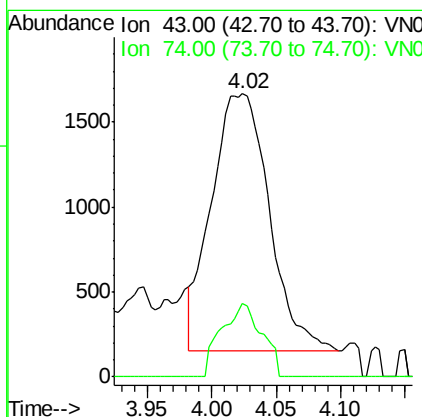
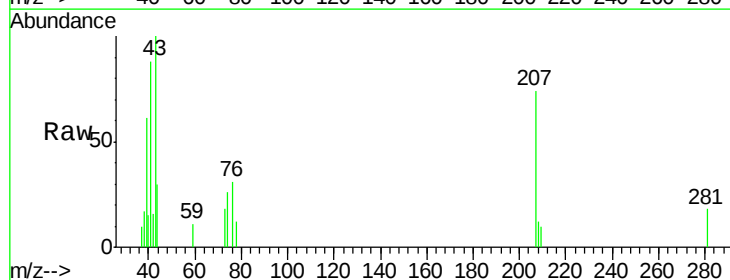
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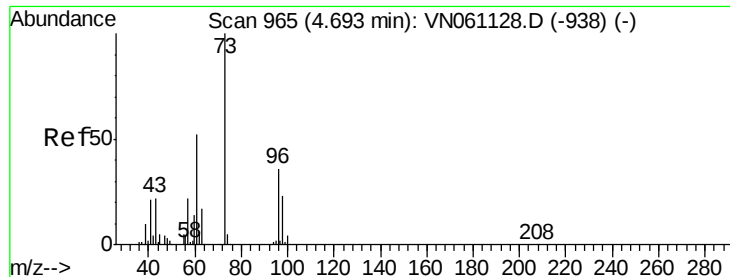
MMDadoda
4/23/2020 11:35:56 AM



#18
Methyl Acetate
Concen: 1.270 ug/l
RT: 4.02 min Scan# 757
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.0	19.4	29.0





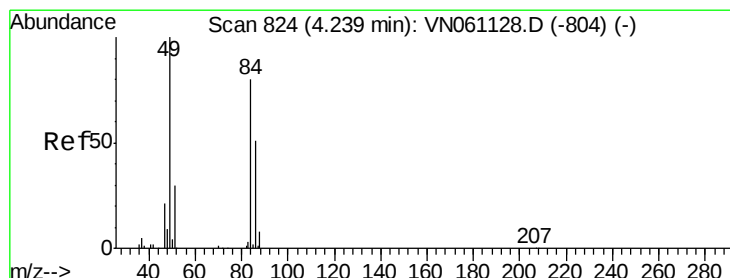
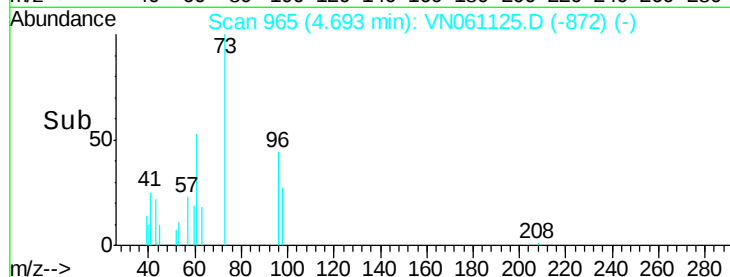
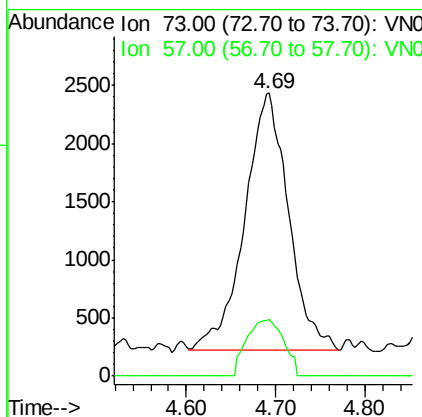
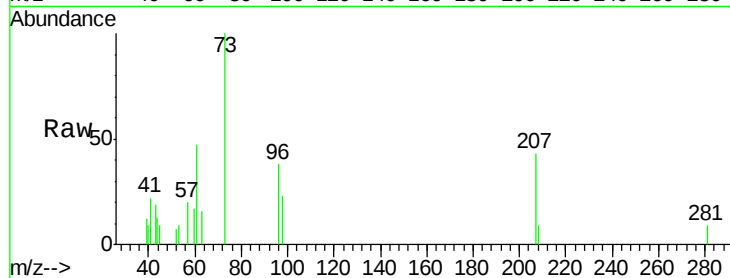
#19
Methvl tert-butvl Ether
Concen: 0.934 ug/l
RT: 4.69 min Scan# 965
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 7622
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8

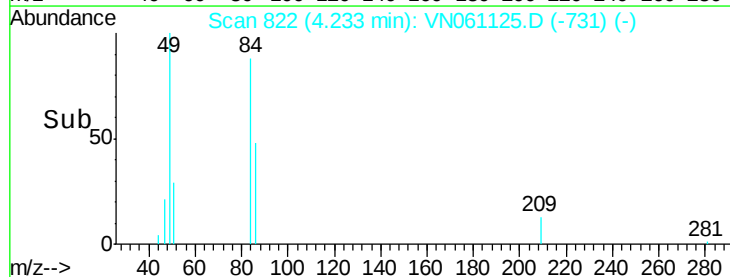
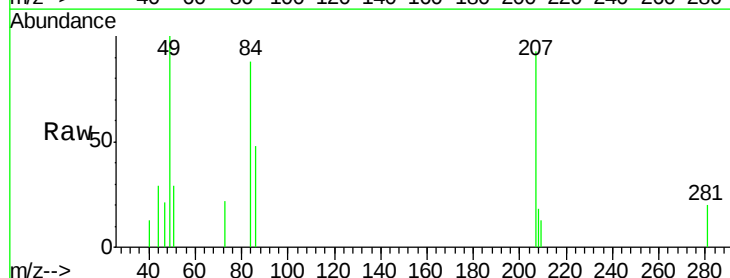
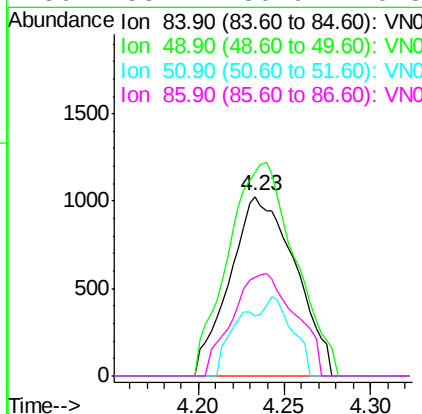
Manual Integrations
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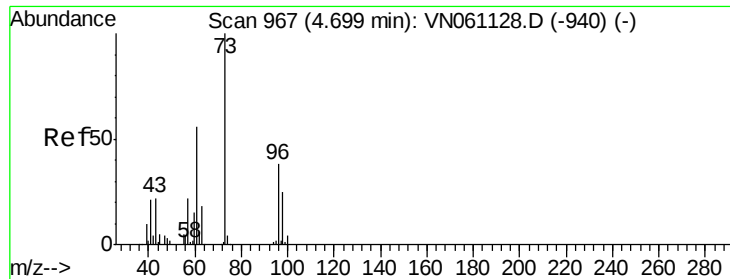
MMDadoda
4/23/2020 11:35:56 AM



#20
Methylene Chloride
Concen: 1.038 ug/l
RT: 4.23 min Scan# 822
Delta R.T. -0.01 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 84 Resp: 2727
Ion Ratio Lower Upper
84 100
49 113.6 99.8 149.6
51 33.2 29.9 44.9
86 55.1 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 1.283 ug/l

RT: 4.69 min Scan# 964

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

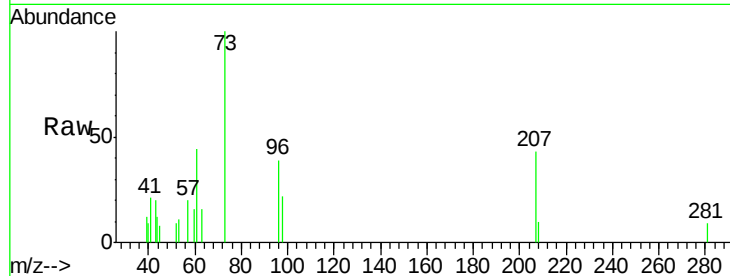
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3233
Ion	Ratio	Lower	Upper
96	100		
61	113.9	116.4	174.6#
98	56.9	51.4	77.2

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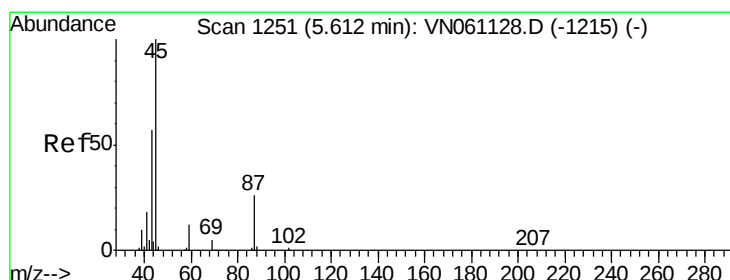
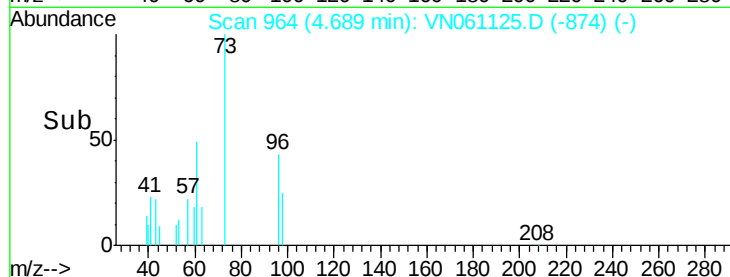
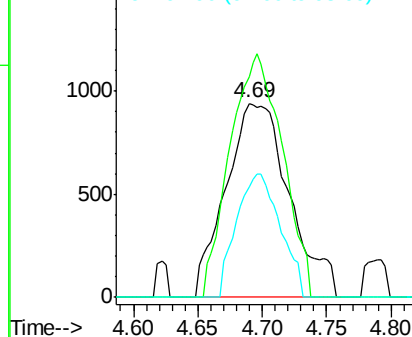


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 0.829 ug/l

RT: 5.61 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion:	45	Resp:	7531
Ion	Ratio	Lower	Upper
45	100		
43	57.5	48.4	72.6
87	25.3	21.4	32.0
59	10.3	9.4	14.2

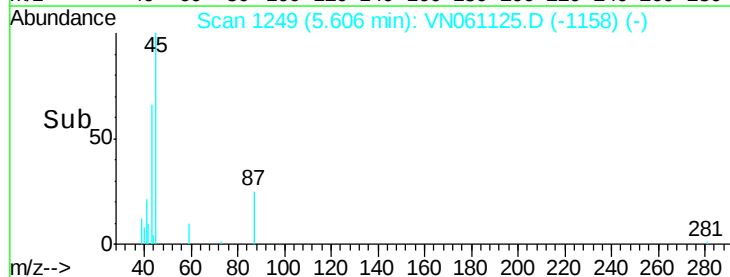
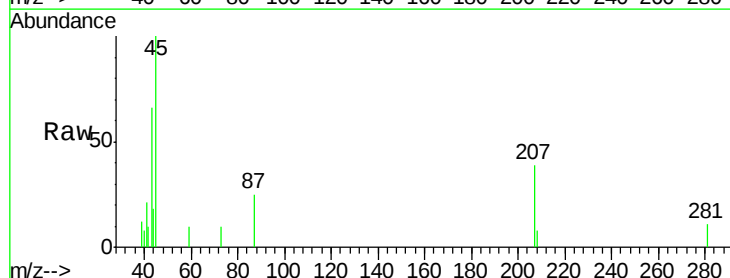
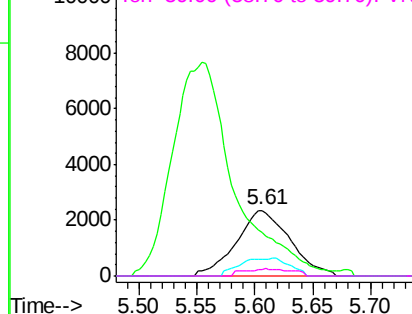
Abundance

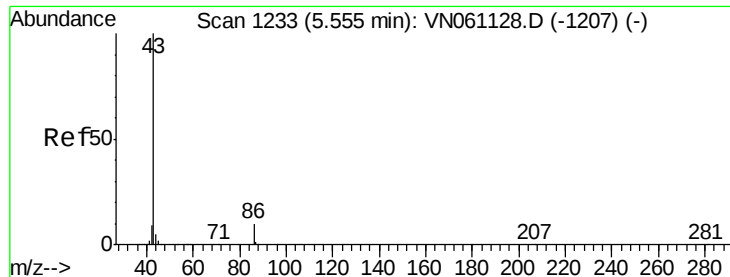
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 3.974 ug/l

RT: 5.55 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 28468

Ion Ratio Lower Upper

43 100

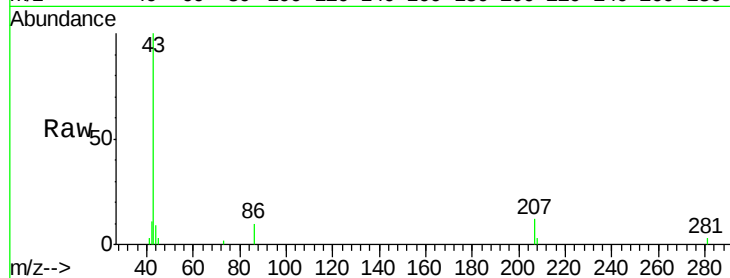
86 9.8 7.8 11.8

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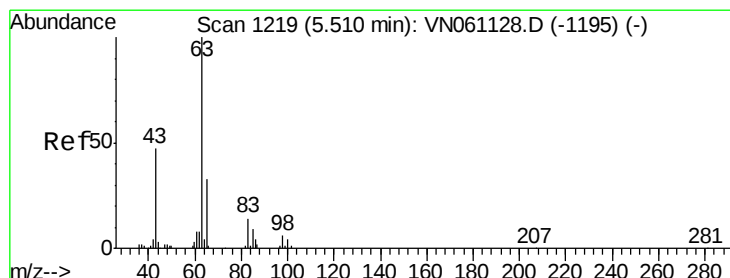
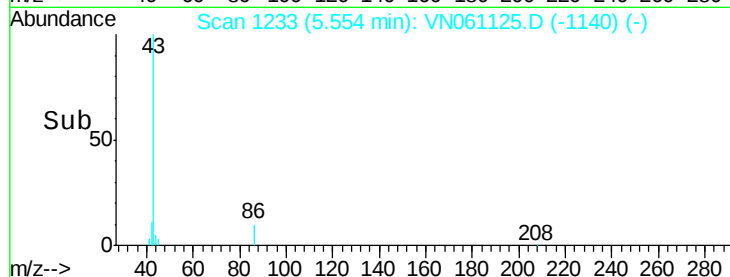
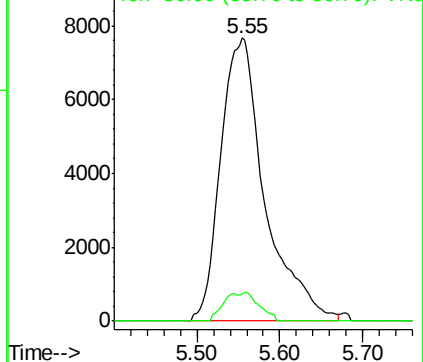
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 0.822 ug/l

RT: 5.50 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

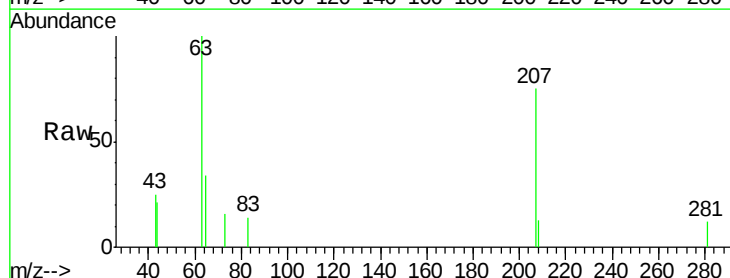
Tgt Ion: 63 Resp: 4056

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

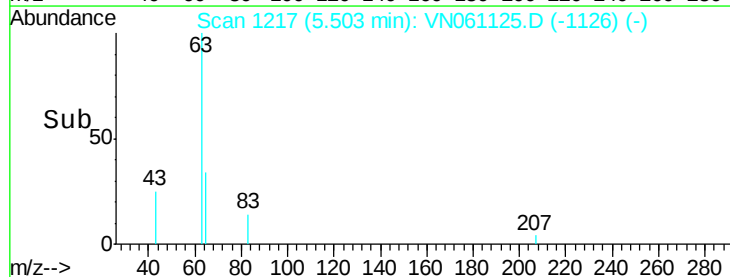
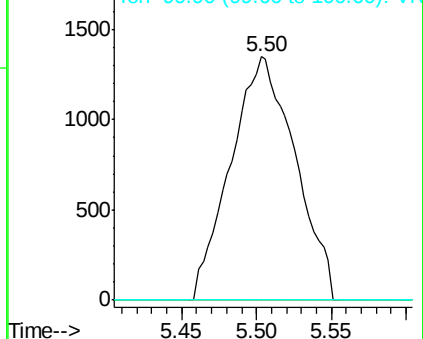
100 0.0 2.0 6.0#

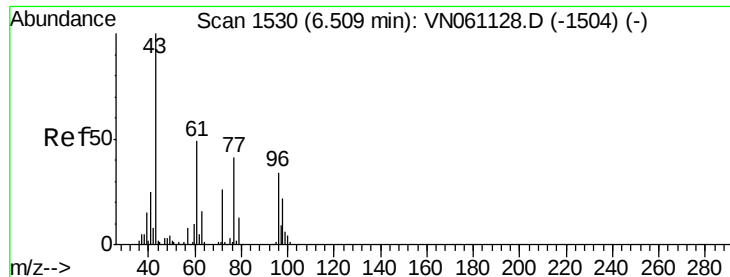


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 3.917 ug/l

RT: 6.50 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 7129

Ion Ratio Lower Upper

43 100

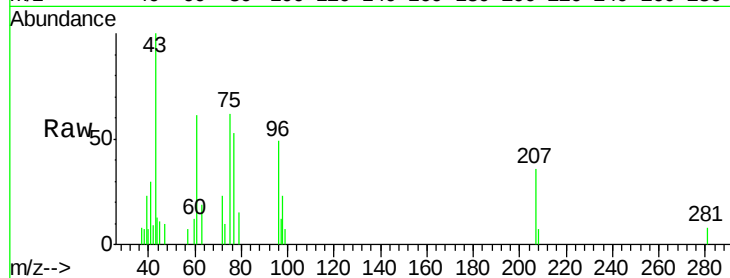
72 23.4 20.8 31.2

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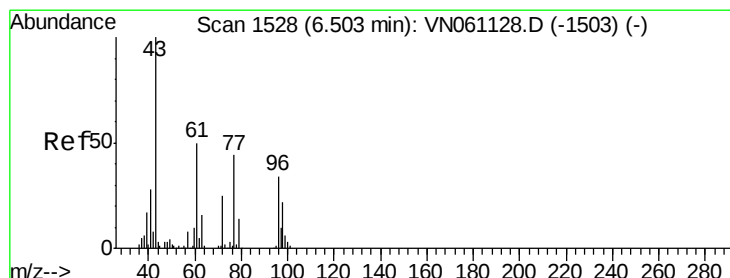
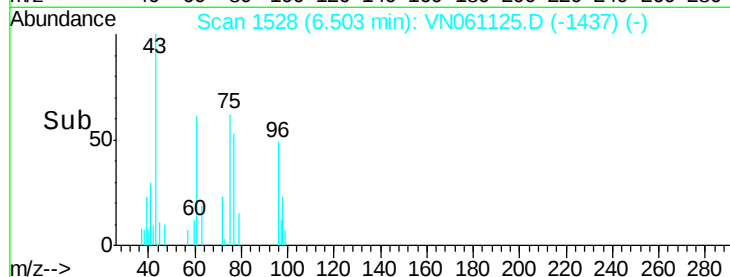
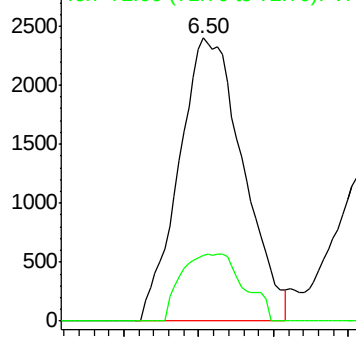
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 0.934 ug/l

RT: 6.50 min Scan# 1527

Delta R.T. -0.00 min

Lab File: VN061125.D

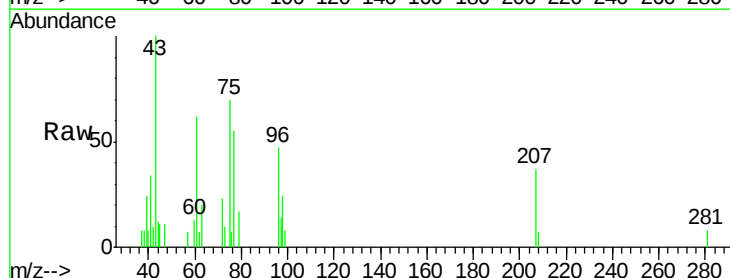
Acq: 22 Apr 2020 13:09

Tgt Ion: 77 Resp: 3868

Ion Ratio Lower Upper

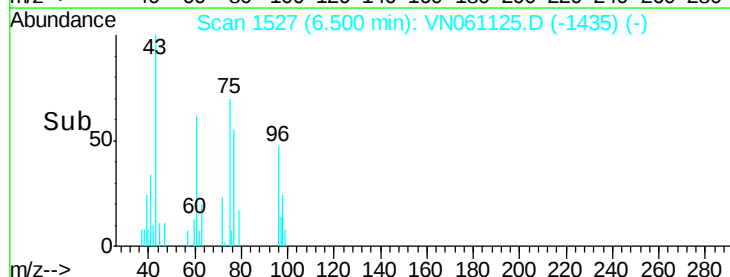
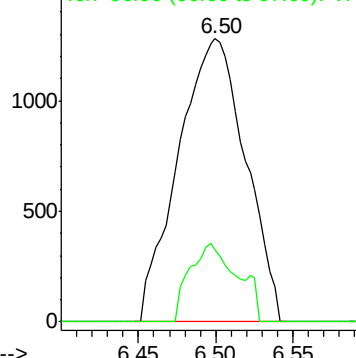
77 100

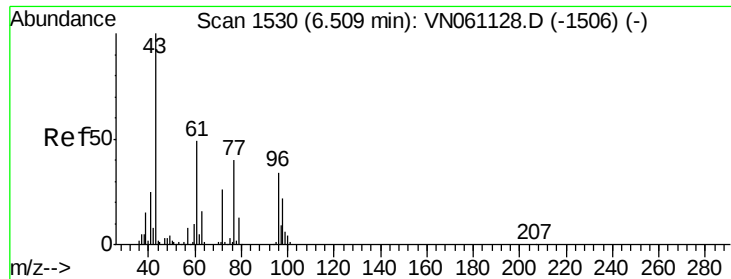
97 19.8 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 1.128 ug/l

RT: 6.50 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

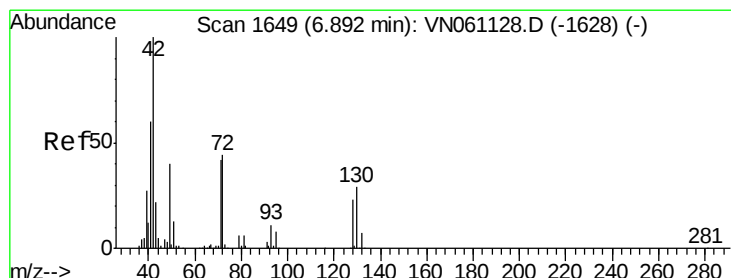
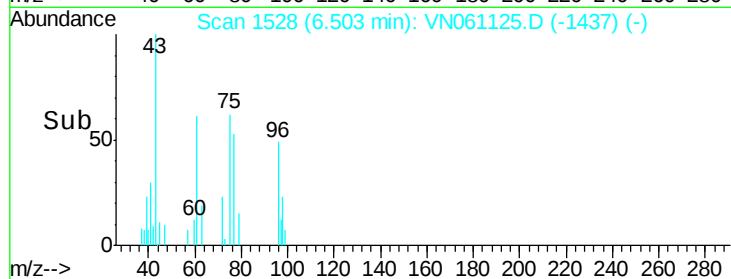
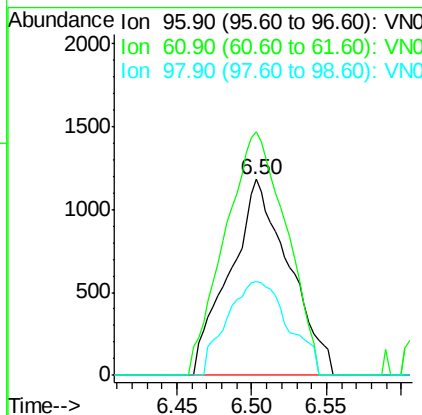
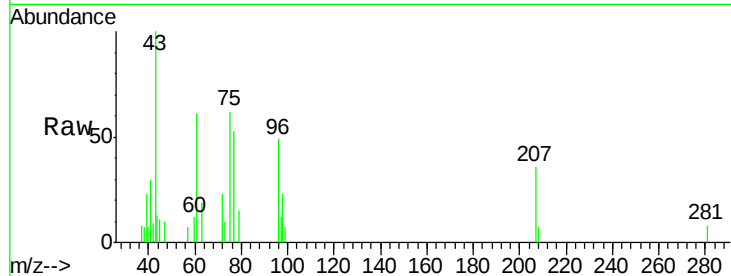
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3256
Ion	Ratio	Lower	Upper
96	100		
61	128.4	0.0	300.4
98	49.4	0.0	129.6

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#28

Bromochloromethane

Concen: 0.707 ug/l

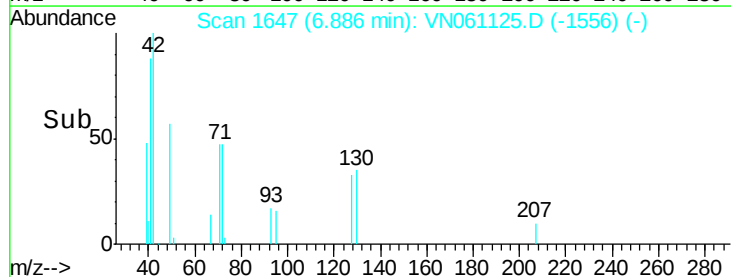
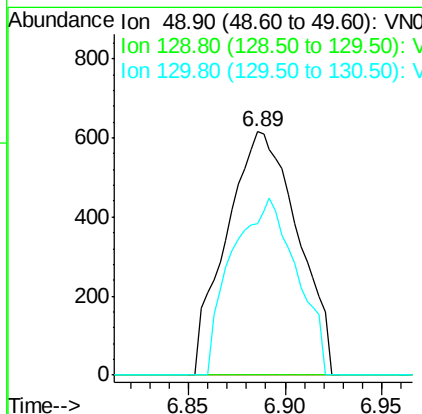
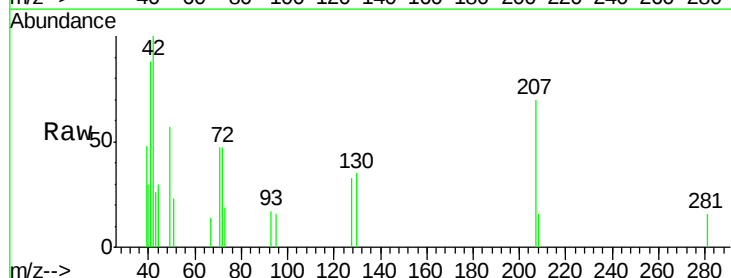
RT: 6.89 min Scan# 1647

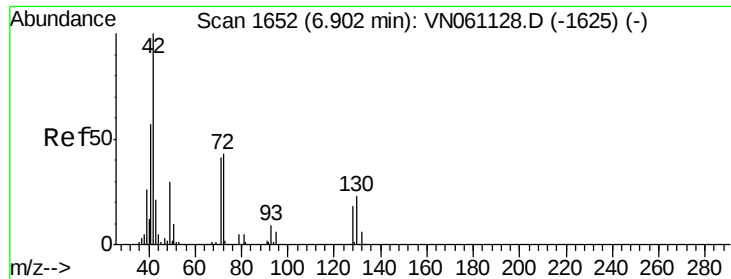
Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion:	49	Resp:	1576
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	66.1	59.7	89.5





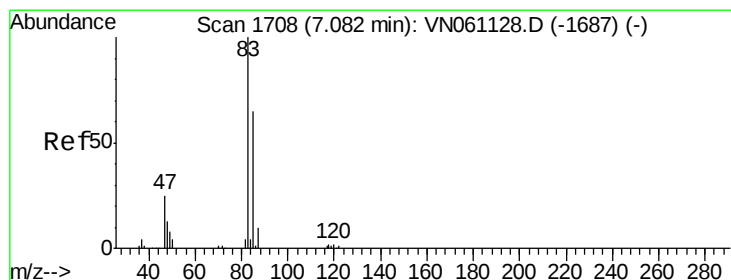
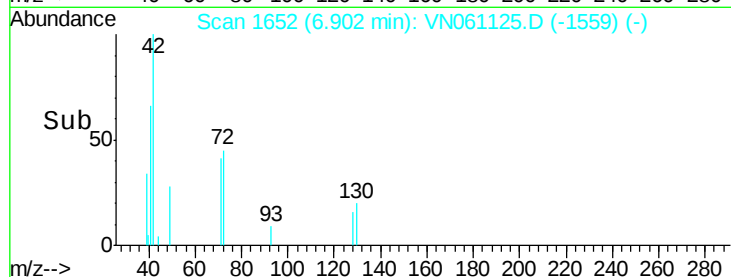
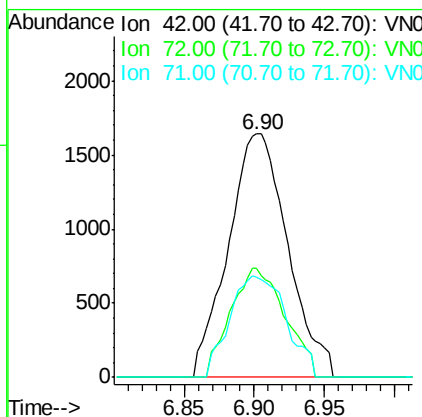
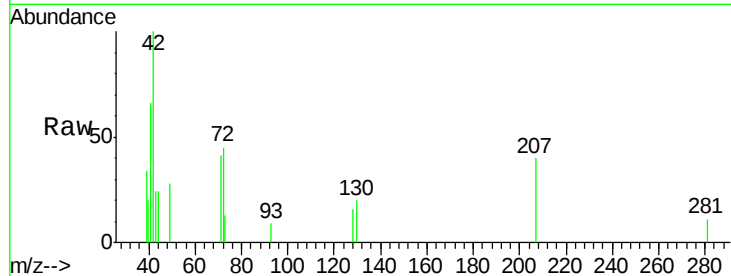
#29
Tetrahydrofuran
Concen: 3.905 ug/l
RT: 6.90 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	35.1	52.7
71	39.6	33.0	49.6

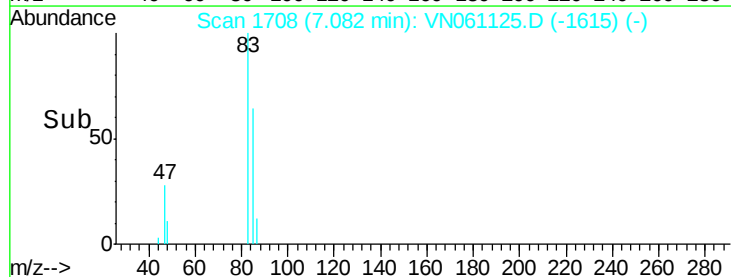
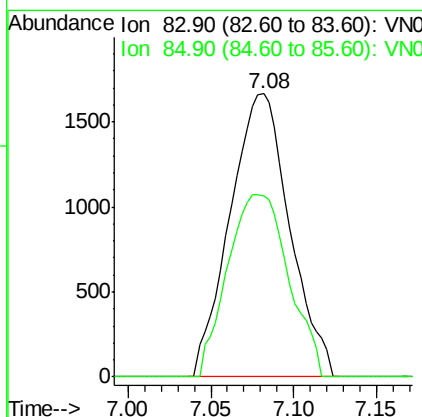
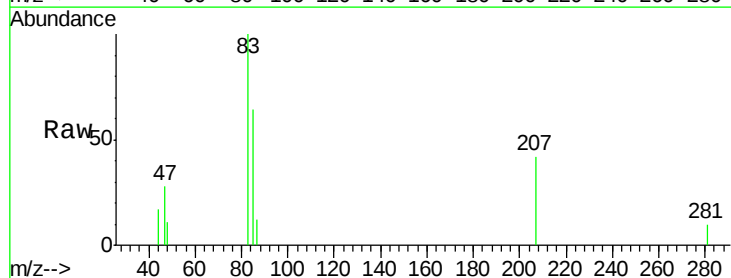
Manual Integrations
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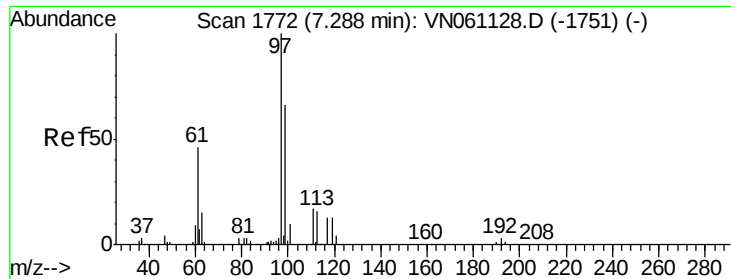
MMDadoda
4/23/2020 11:35:56 AM



#30
Chloroform
Concen: 0.896 ug/l
RT: 7.08 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.2	78.4





#32

1,1,1-Trichloroethane

Concen: 0.959 ug/l

RT: 7.29 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

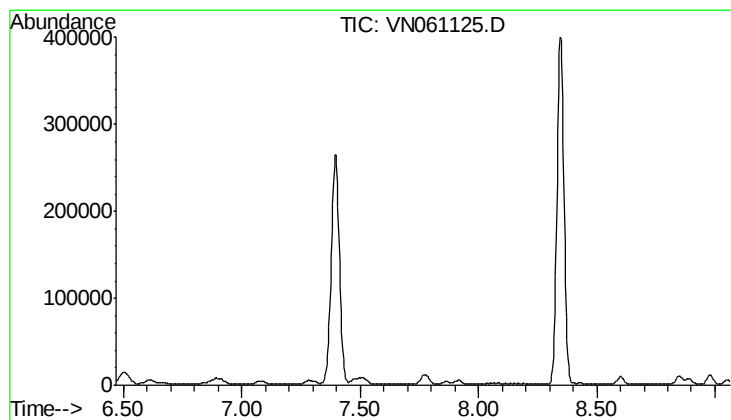
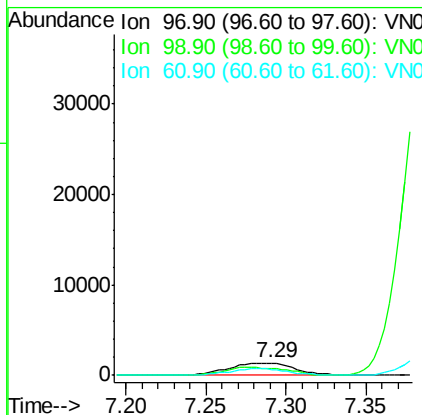
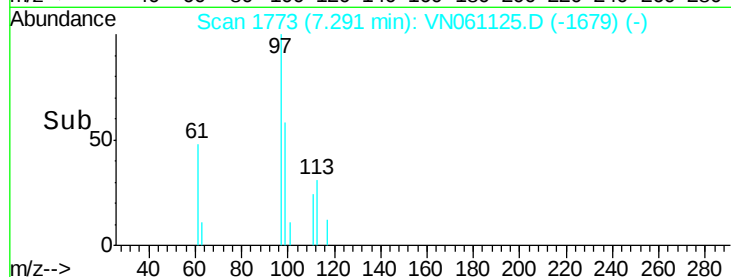
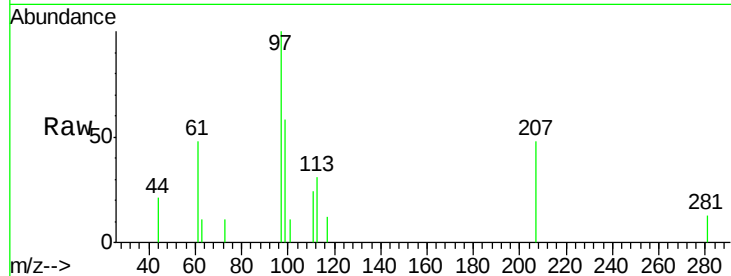
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	3877
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	46.0	35.9	53.9

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.77 min

Lab File: VN061125.D

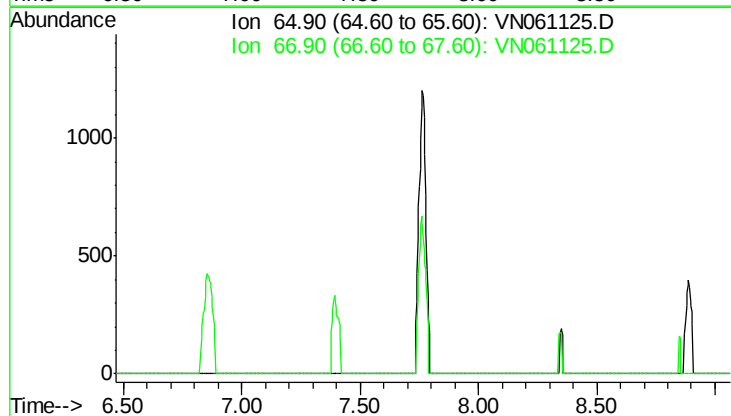
Acq: 22 Apr 2020 13:09

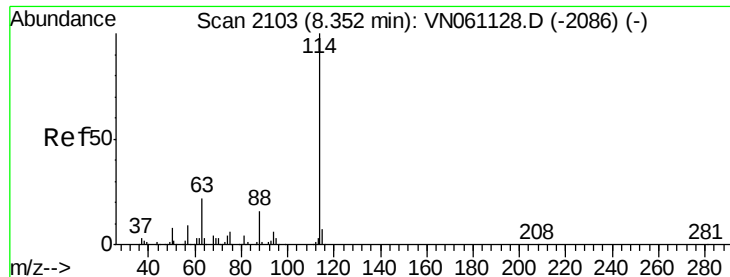
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.9





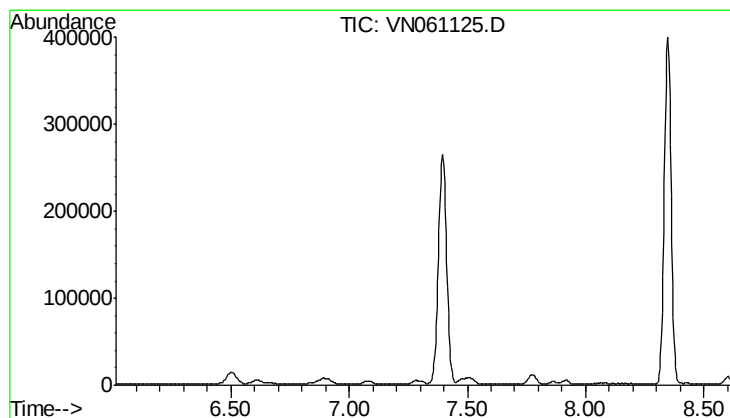
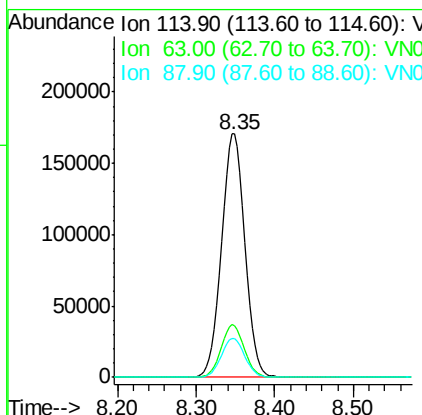
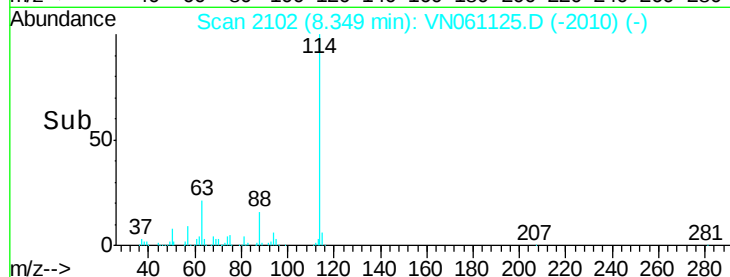
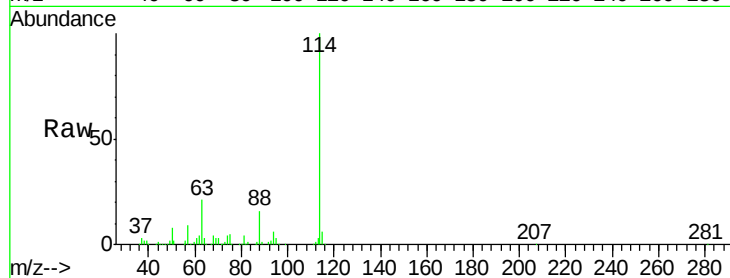
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.35 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.0	0.0	43.2
88	15.7	0.0	32.4

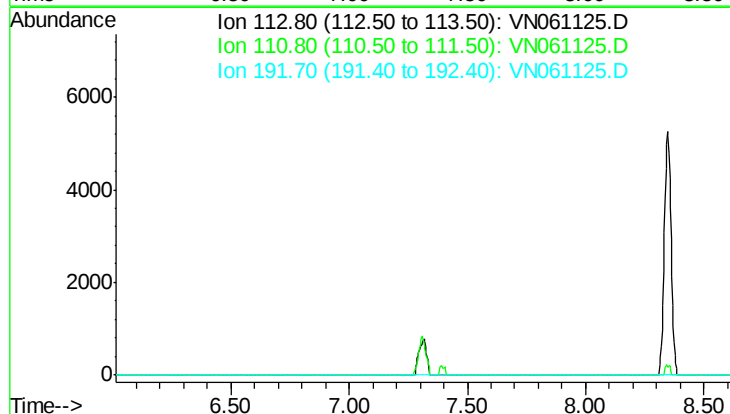
Manual Integrations
 APPROVED

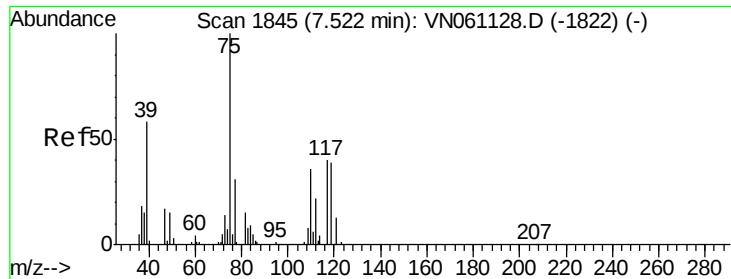
MMDadoda
 4/23/2020 11:35:56 AM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.31 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion	Exp Ratio
113	100
111	103.8
192	19.7





#36

1,1-Dichloropropene

Concen: 0.941 ug/l

RT: 7.52 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

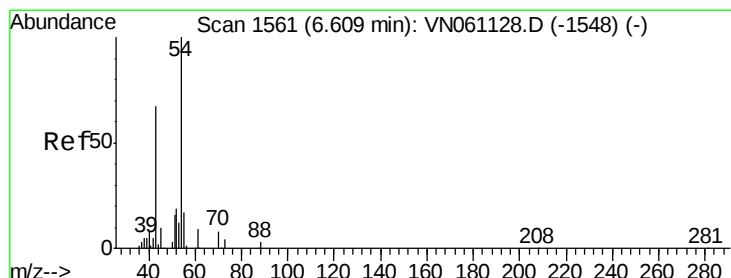
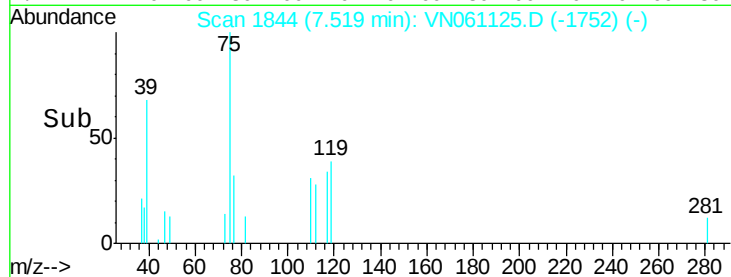
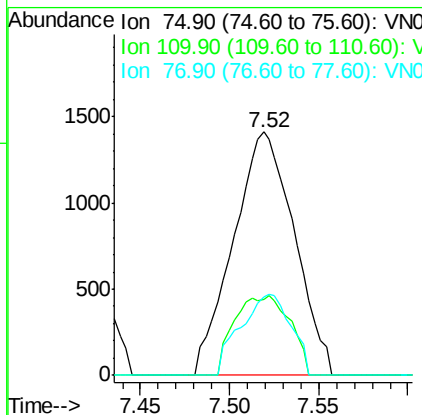
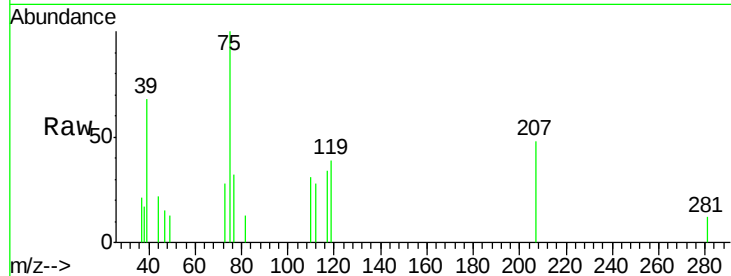
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	3358
Ion	Ratio	Lower	Upper
75	100		
110	29.9	17.7	53.1
77	27.7	24.8	37.2

Manual Integrations
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MMDadoda
4/23/2020 11:35:56 AM



#37

Ethyl Acetate

Concen: 0.898 ug/l

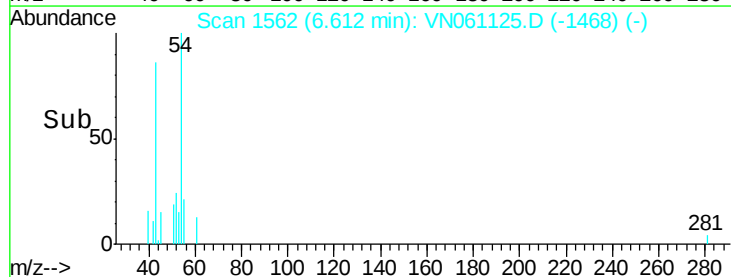
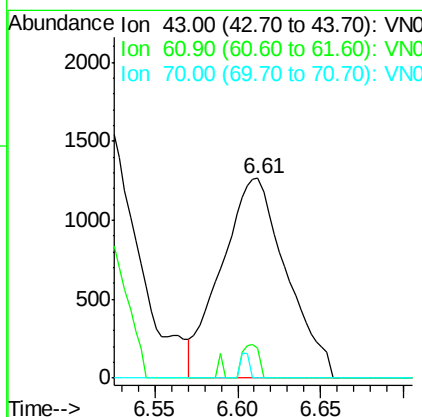
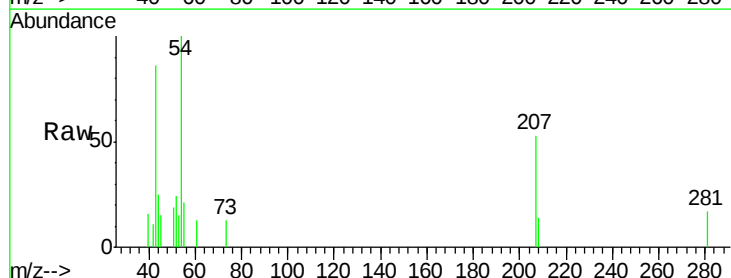
RT: 6.61 min Scan# 1562

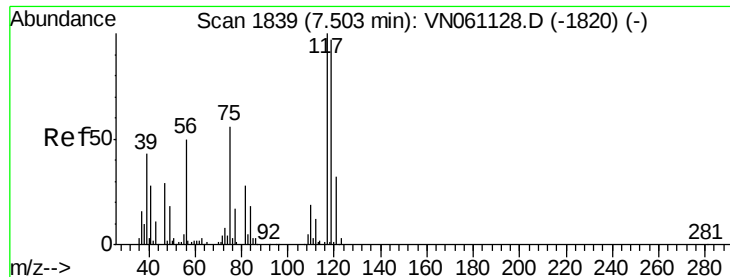
Delta R.T. 0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion:	43	Resp:	3452
Ion	Ratio	Lower	Upper
43	100		
61	4.3	11.4	17.0#
70	1.7	8.2	12.4#





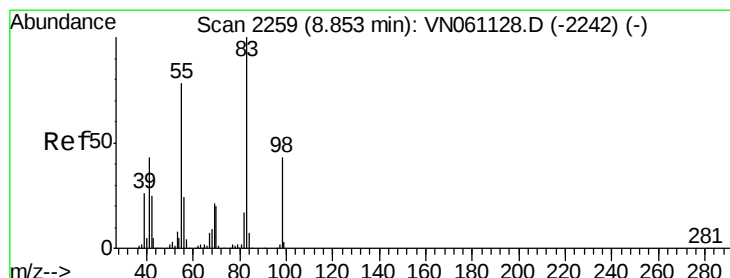
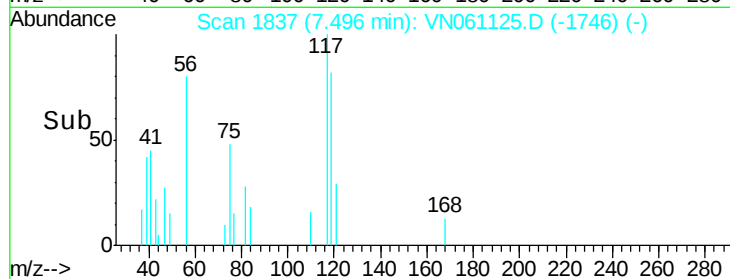
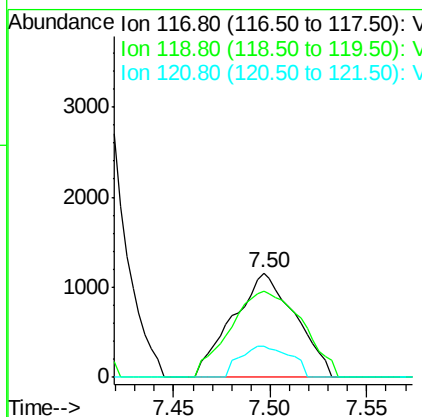
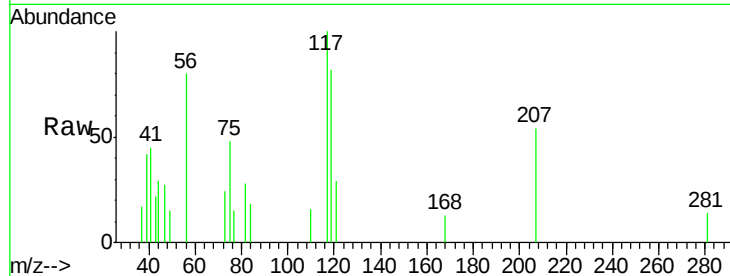
#38
Carbon Tetrachloride
Concen: 0.875 ug/l
RT: 7.50 min Scan# 1837
Delta R.T. -0.01 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	82.4	76.9	115.3
121	29.4	25.0	37.6

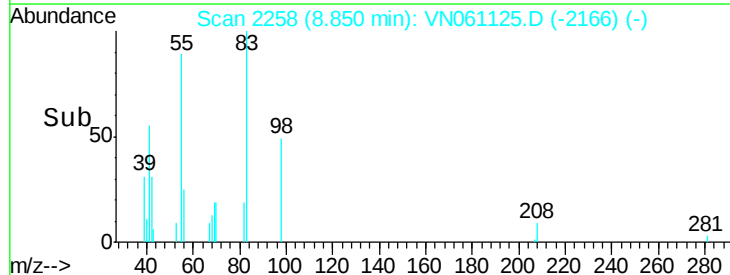
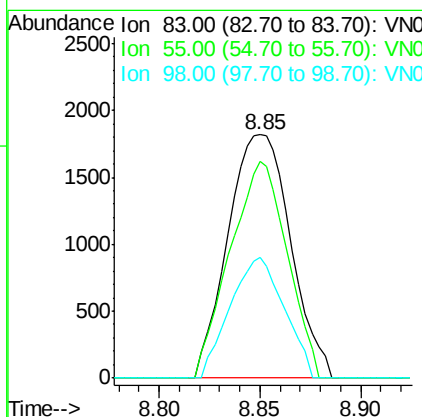
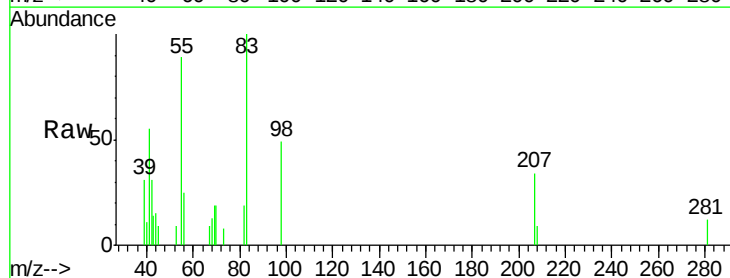
Manual Integrations
APPROVED

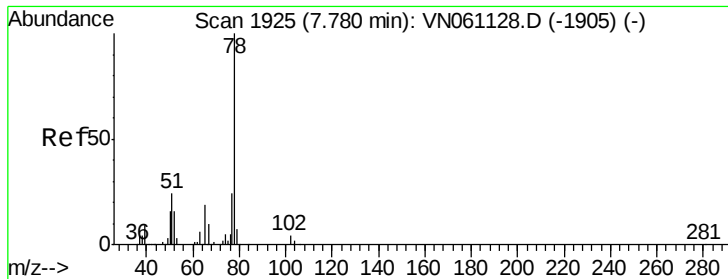
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4/23/2020 11:35:56 AM



#39
Methylcyclohexane
Concen: 0.922 ug/l
RT: 8.85 min Scan# 2258
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
83	100		
55	89.2	62.2	93.4
98	49.5	34.7	52.1





#40

Benzene

Concen: 0.956 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 10116

Ion Ratio Lower Upper

78 100

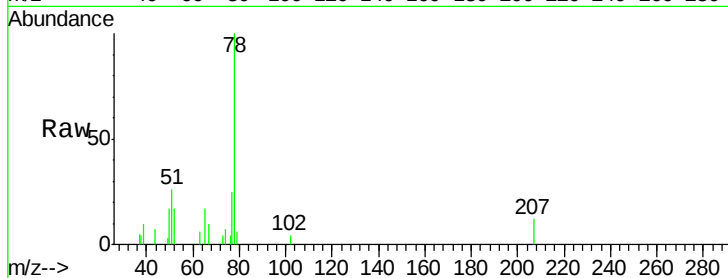
77 25.1 19.0 28.6

Manual Integrations

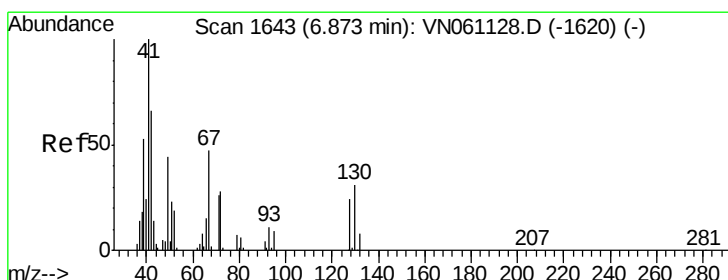
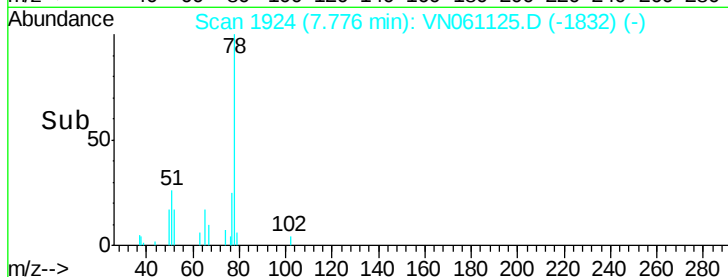
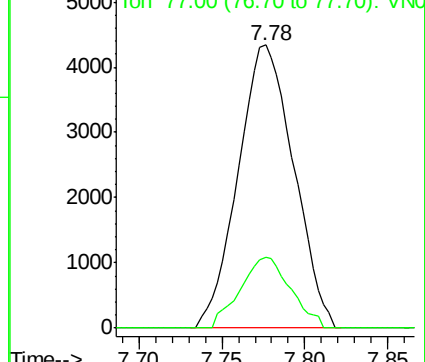
APPROVED

MMDadoda

4/23/2020 11:35:56 AM



Abundance Ion 78.00 (77.70 to 78.70): VN061125.D (-1832) (-)



#41

Methacrylonitrile

Concen: 0.763 ug/l

RT: 6.86 min Scan# 1638

Delta R.T. -0.02 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion: 41 Resp: 1243

Ion Ratio Lower Upper

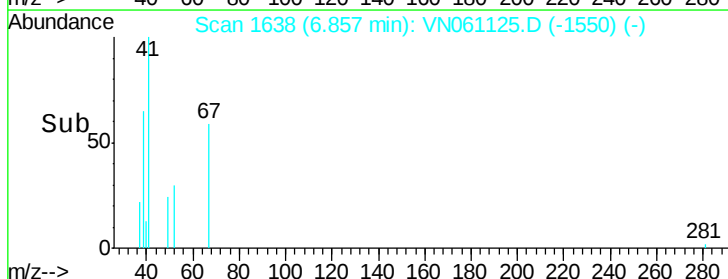
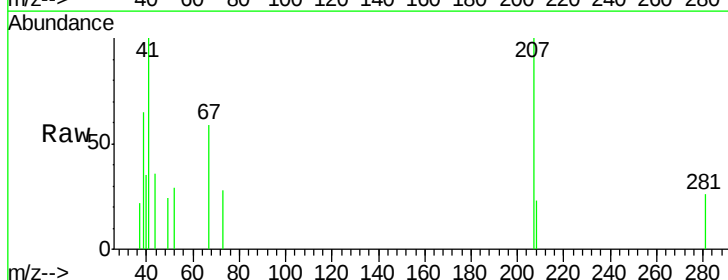
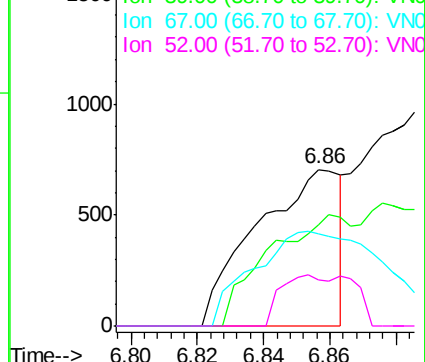
41 100

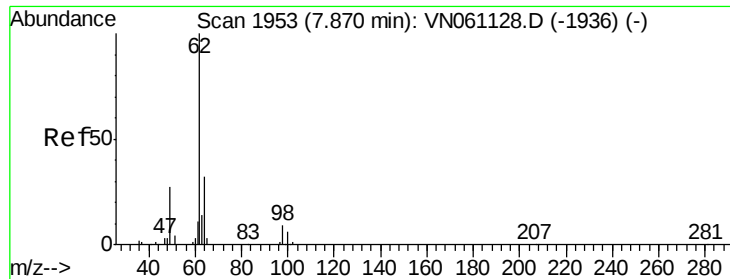
39 69.0 119.4 179.0#

67 91.3 0.0 0.0#

52 18.9 0.0 0.0#

Abundance Ion 41.00 (40.70 to 41.70): VN061125.D (-1550) (-)





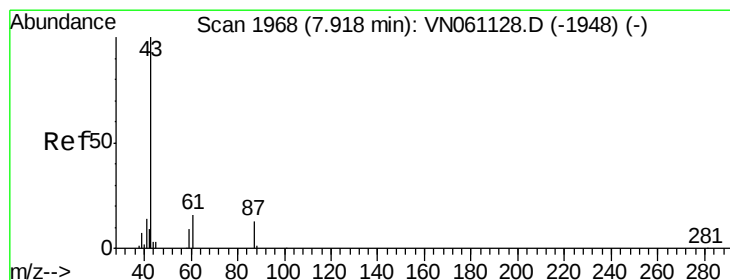
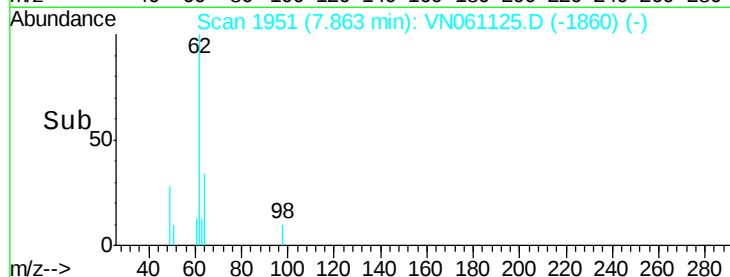
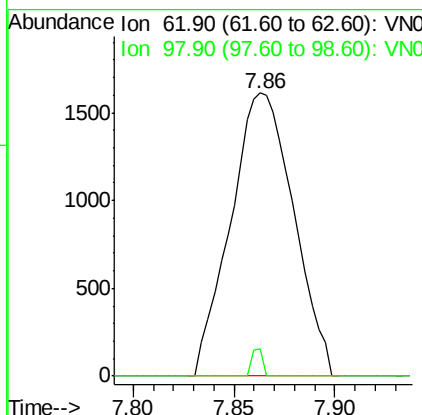
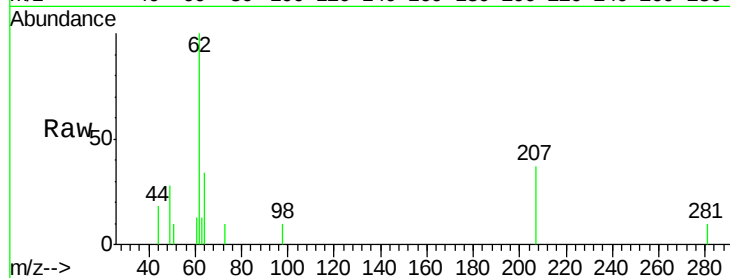
#42
 1,2-Dichloroethane
 Concen: 0.967 ug/l
 RT: 7.86 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	3504		
98	1.7	0.0	17.0	

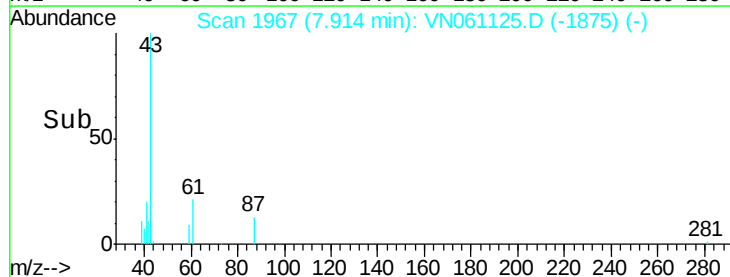
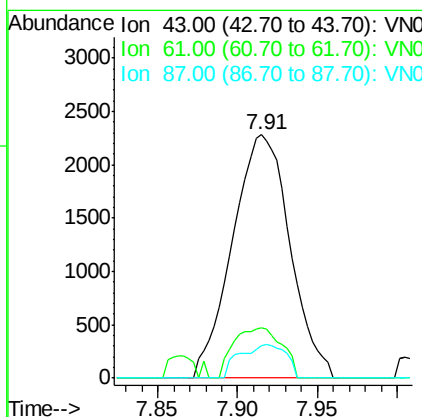
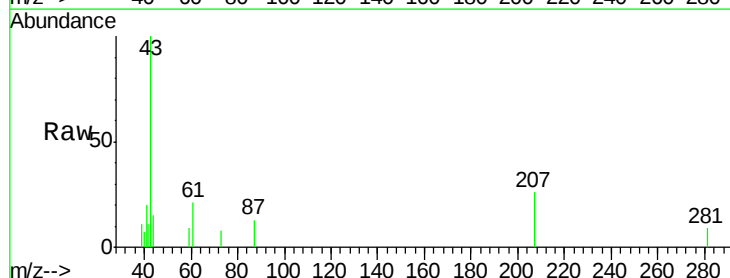
Manual Integrations
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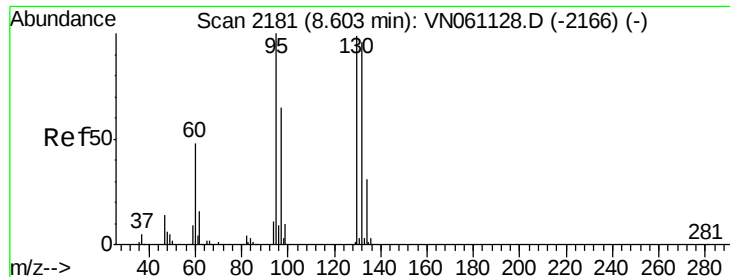
MMDadoda
 4/23/2020 11:35:56 AM



#43
 Isopropyl Acetate
 Concen: 0.900 ug/l
 RT: 7.91 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	5633		
61	17.2	15.5	23.3	
87	11.1	10.2	15.4	





#44

Trichloroethene

Concen: 1.102 ug/l

RT: 8.60 min Scan# 2180

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3005

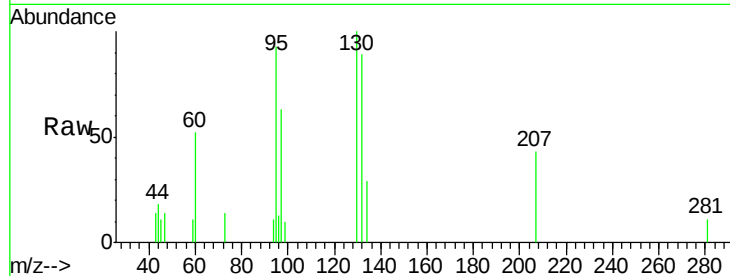
Ion Ratio Lower Upper

130 100

95 92.6 0.0 202.6

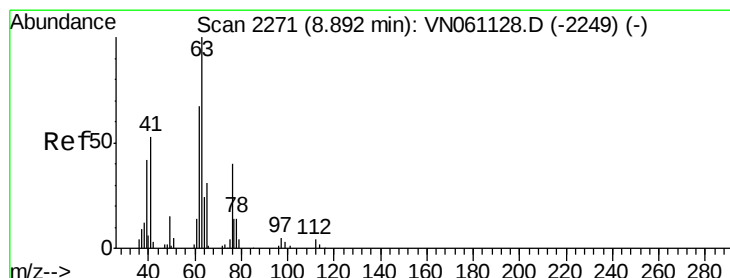
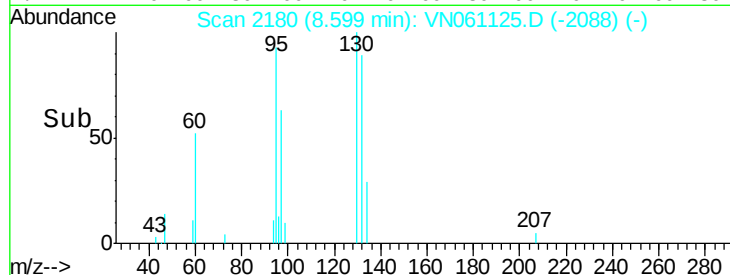
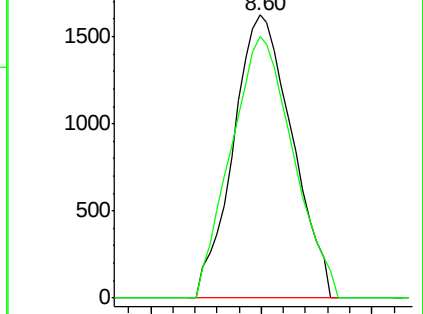
Manual Integrations
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MMDadoda
4/23/2020 11:35:56 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.982 ug/l

RT: 8.89 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VN061125.D

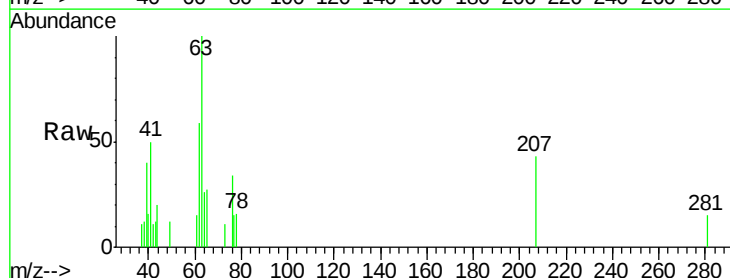
Acq: 22 Apr 2020 13:09

Tgt Ion: 63 Resp: 2797

Ion Ratio Lower Upper

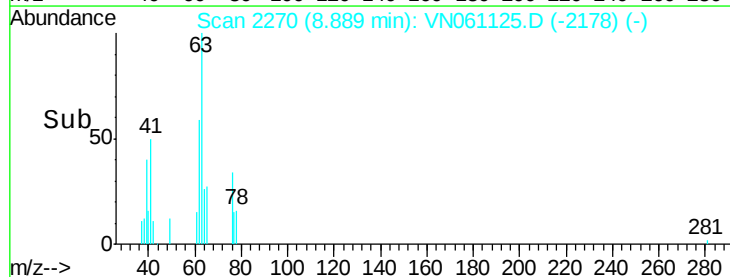
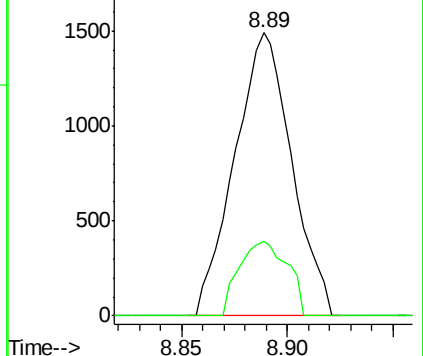
63 100

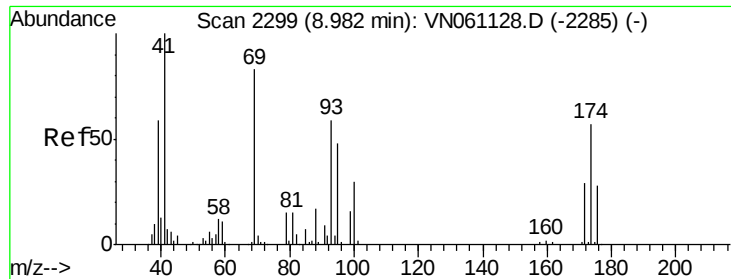
65 26.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





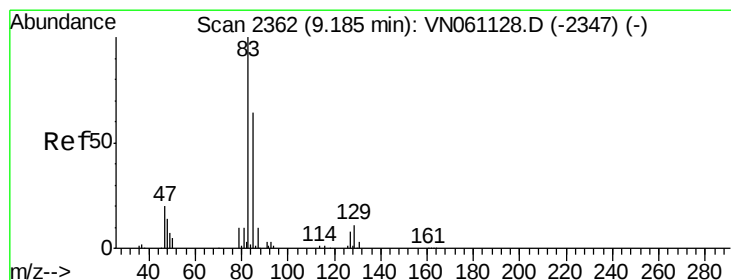
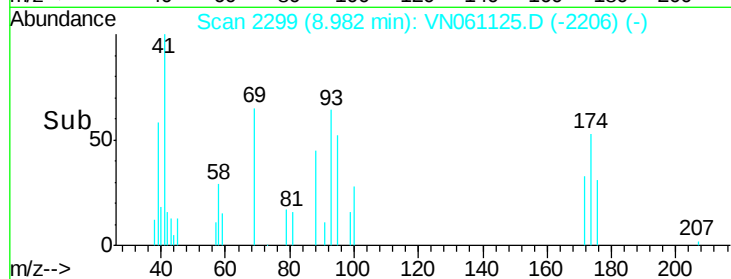
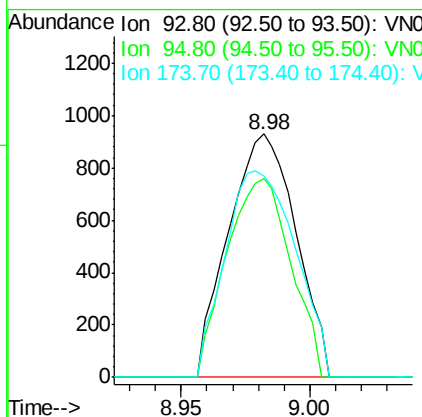
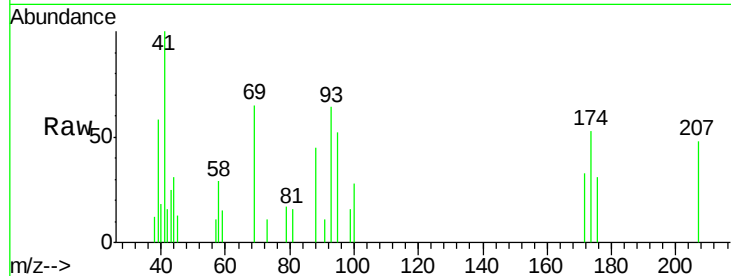
#46
Dibromomethane
Concen: 1.014 ug/l
RT: 8.98 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 93 Resp: 1693
Ion Ratio Lower Upper
93 100
95 77.7 65.0 97.4
174 88.9 77.8 116.6

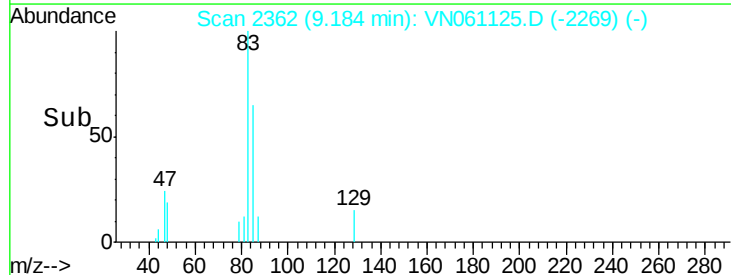
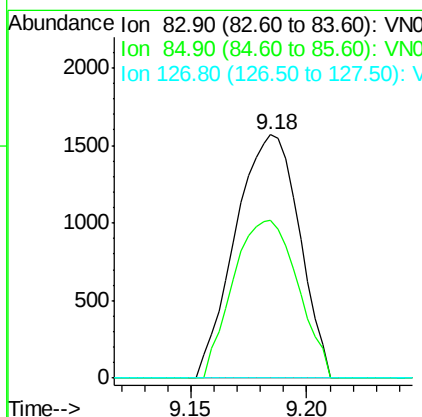
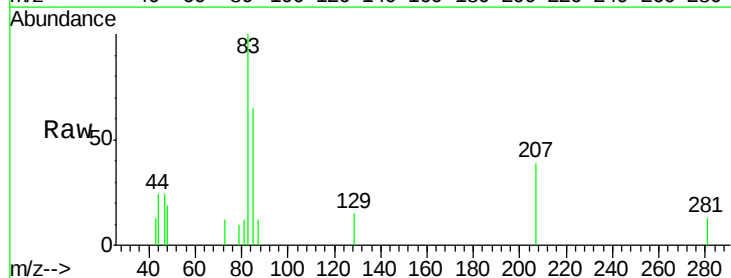
Manual Integrations
APPROVED

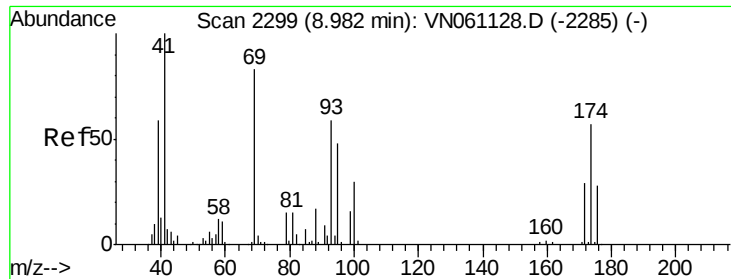
MMDadoda
4/23/2020 11:35:56 AM



#47
Bromodichloromethane
Concen: 0.859 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 83 Resp: 3005
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2
127 0.0 6.6 10.0#





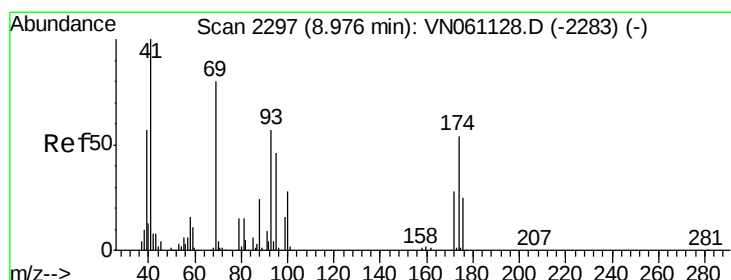
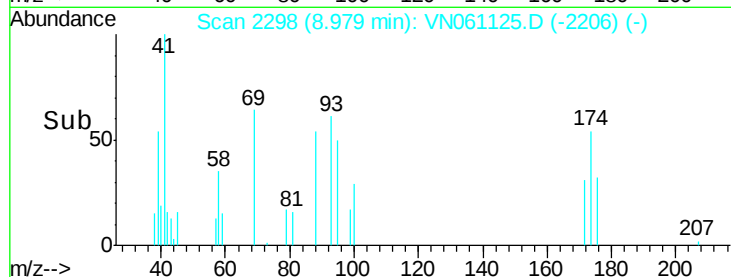
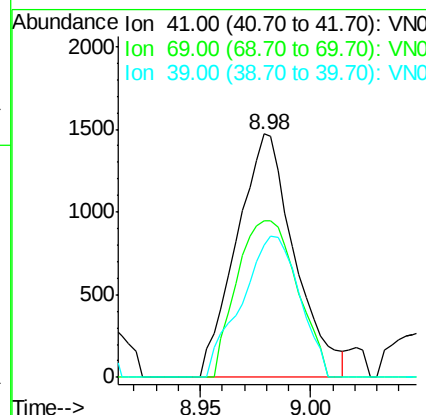
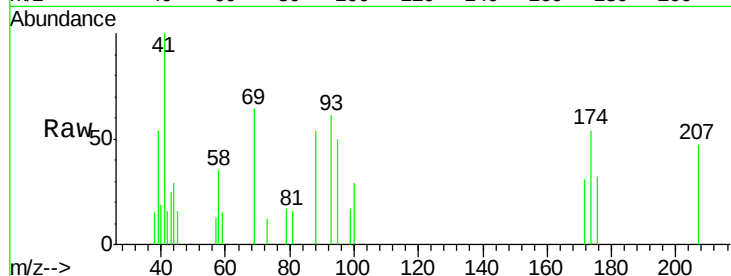
#48
Methyl methacrylate
Concen: 0.966 ug/l
RT: 8.98 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	66.7	65.4	98.2
39	57.9	47.8	71.6

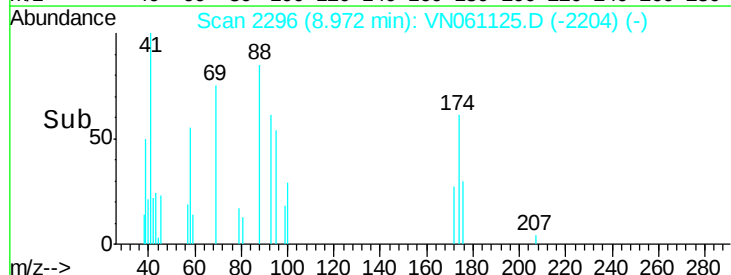
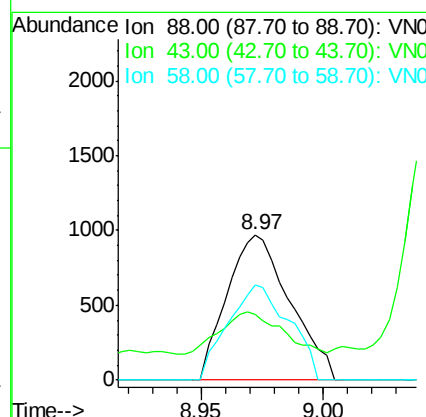
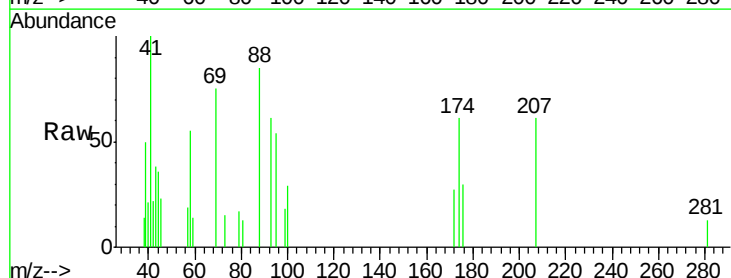
Manual Integrations
APPROVED

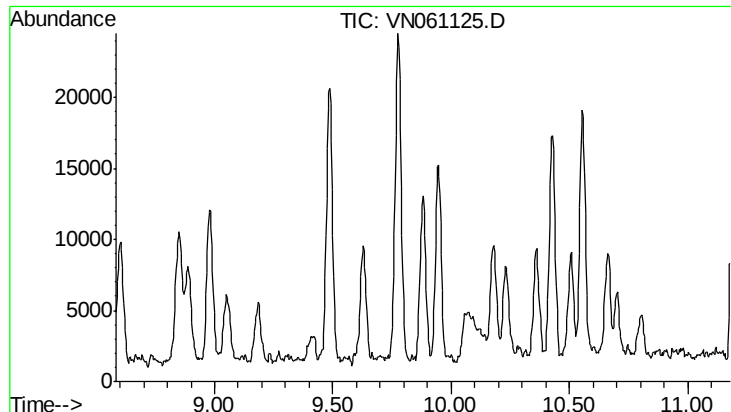
MMDadoda
4/23/2020 11:35:56 AM



#49
1,4-Dioxane
Concen: 51.255 ug/l
RT: 8.97 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.3	29.0	43.4#
58	63.9	57.8	86.6





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 9.88 min

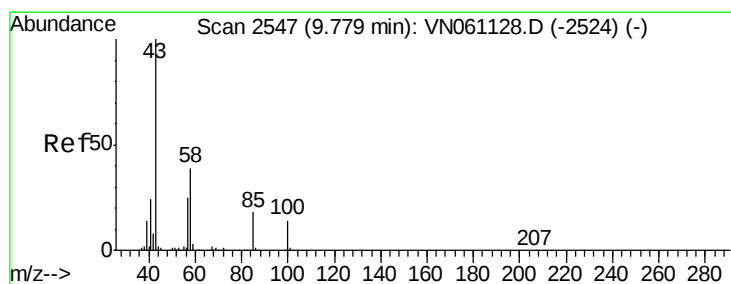
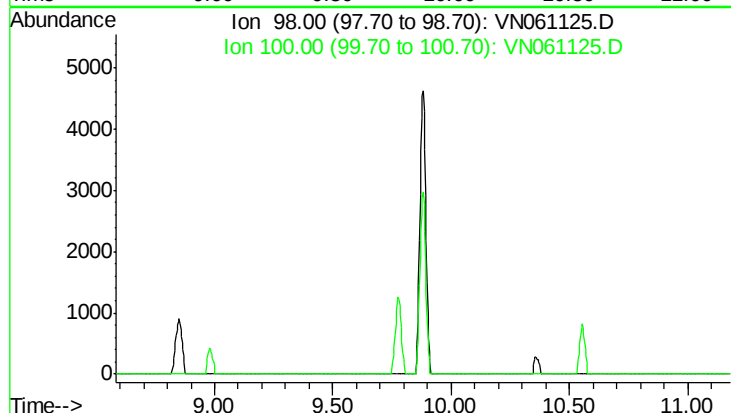
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.7

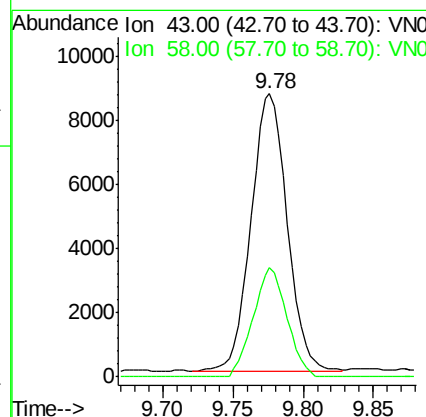
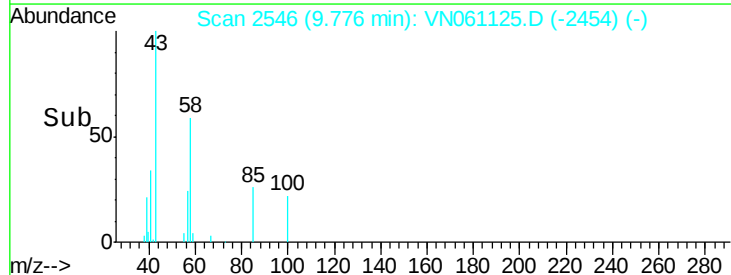
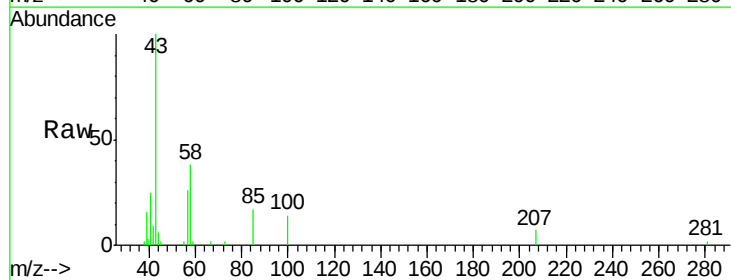
Manual Integrations
APPROVED

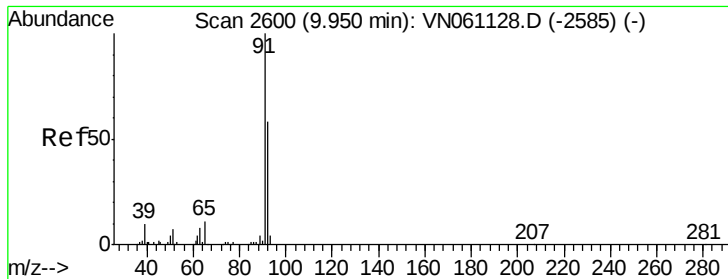
MMDadoda
4/23/2020 11:35:56 AM



#51
4-Methyl-2-Pentanone
Concen: 4.310 ug/l
RT: 9.78 min Scan# 2546
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion: 43 Resp: 15609
Ion Ratio Lower Upper
43 100
58 36.4 31.0 46.6





#52

Toluene

Concen: 0.958 ug/l

RT: 9.95 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 6120

Ion Ratio Lower Upper

92 100

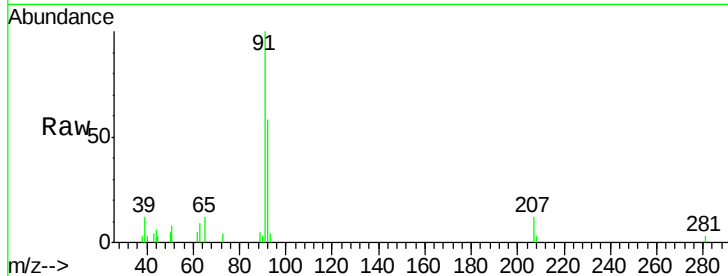
91 169.6 138.3 207.5

Manual Integrations

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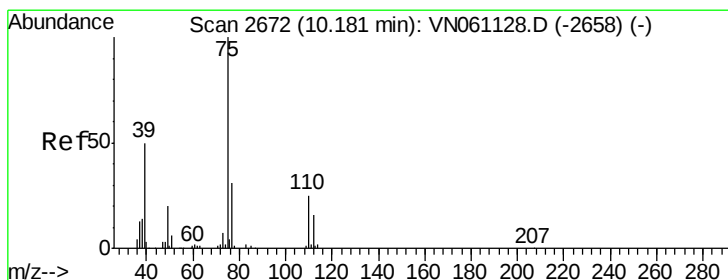
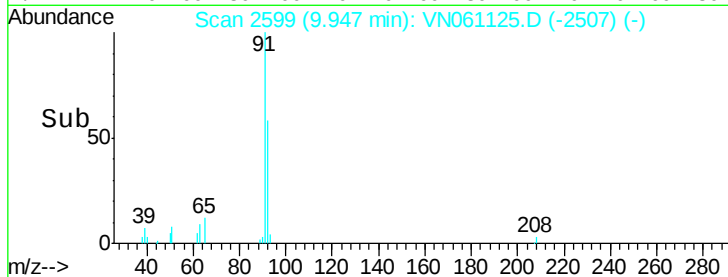
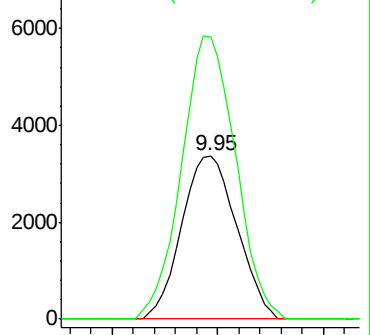
MMDadoda

4/23/2020 11:35:56 AM



Abundance Ion 92.00 (91.70 to 92.70): VN061125.D (-2599) (-)

Ion 91.00 (90.70 to 91.70): VN061125.D (-2599) (-)



#53

t-1,3-Dichloropropene

Concen: 1.004 ug/l

RT: 10.18 min Scan# 2672

Delta R.T. -0.00 min

Lab File: VN061125.D

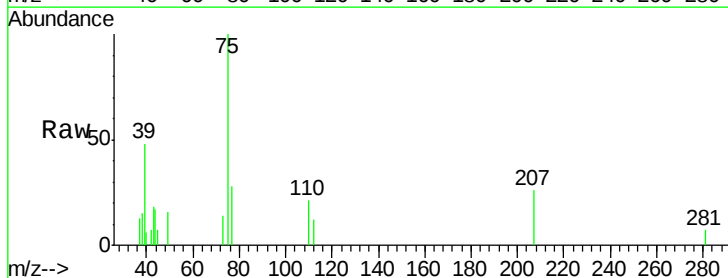
Acq: 22 Apr 2020 13:09

Tgt Ion: 75 Resp: 4083

Ion Ratio Lower Upper

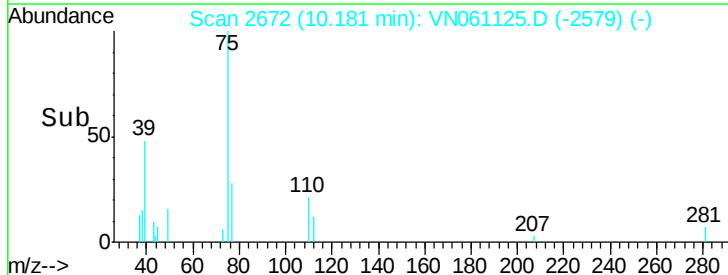
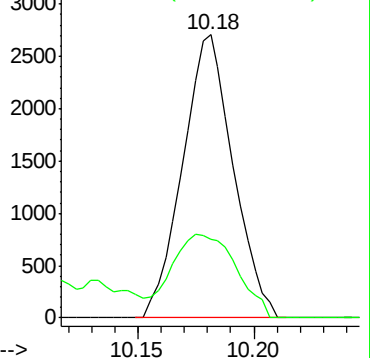
75 100

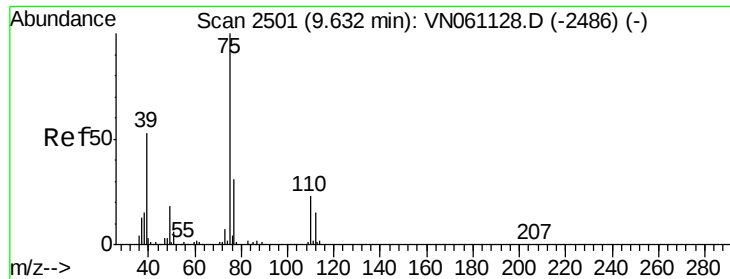
77 27.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN061125.D (-2672) (-)

Ion 76.90 (76.60 to 77.60): VN061125.D (-2672) (-)





#54

cis-1,3-Dichloropropene

Concen: 0.913 ug/l

RT: 9.63 min Scan# 2500

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

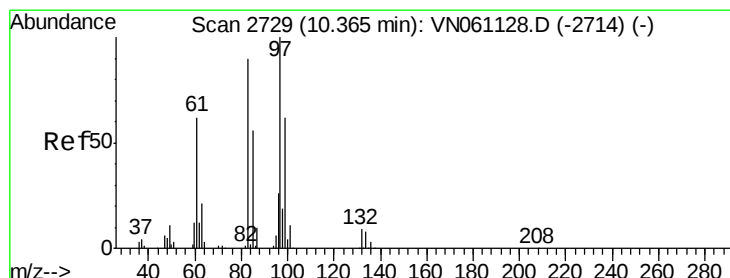
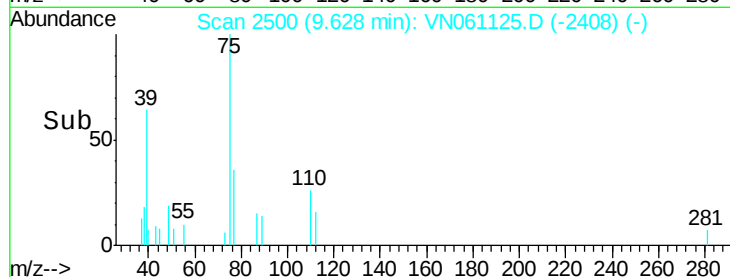
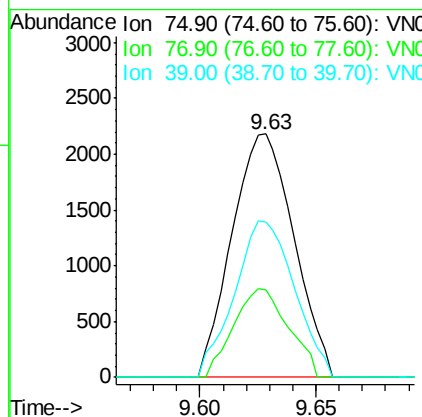
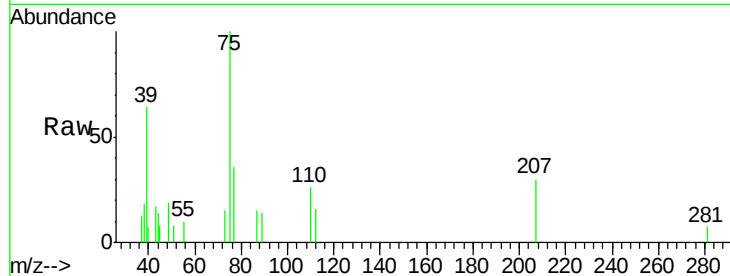
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	4038
Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.2	37.8
39	63.9	42.1	63.1#

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 0.985 ug/l

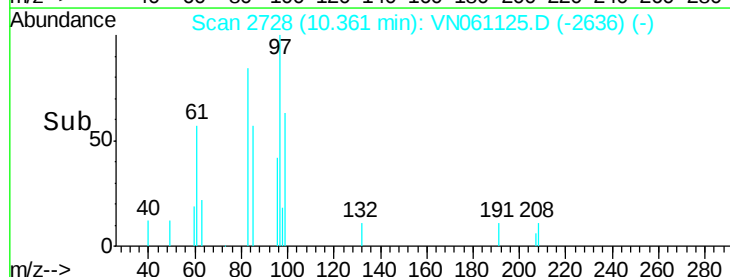
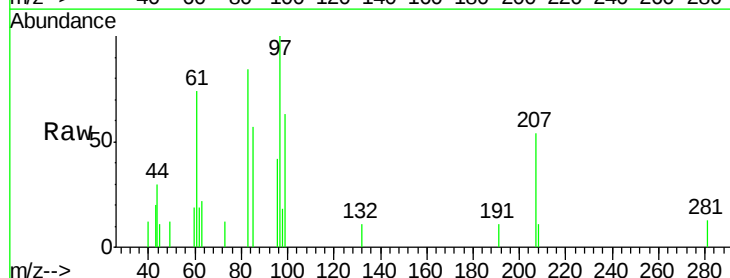
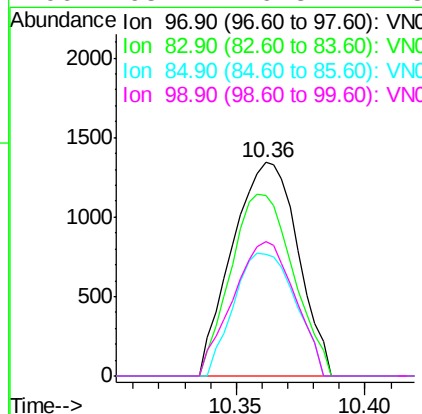
RT: 10.36 min Scan# 2728

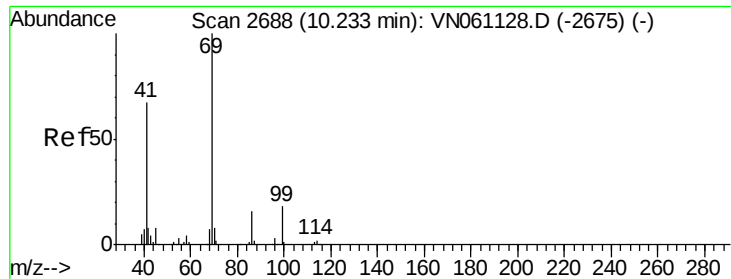
Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion:	97	Resp:	2384
Ion	Ratio	Lower	Upper
97	100		
83	84.3	71.8	107.6
85	57.3	45.0	67.6
99	63.1	49.8	74.8





#56

Ethyl methacrylate

Concen: 0.839 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

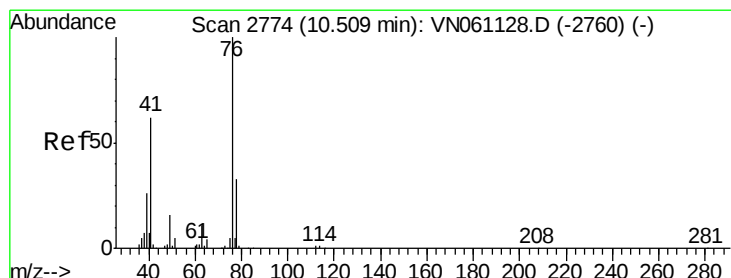
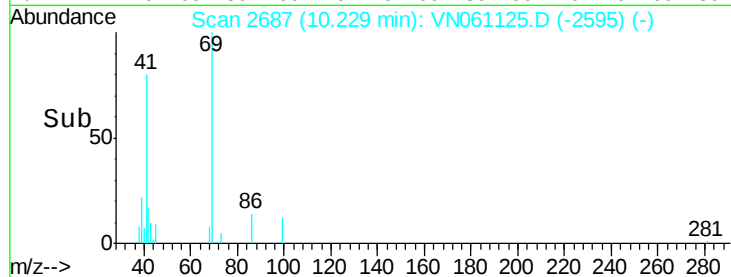
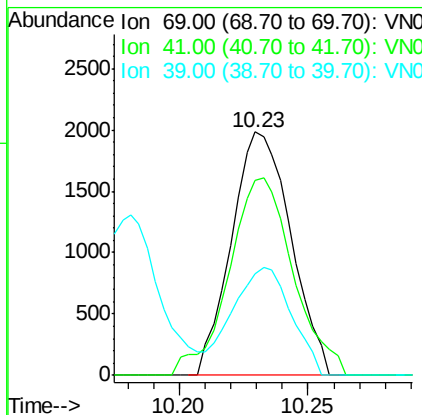
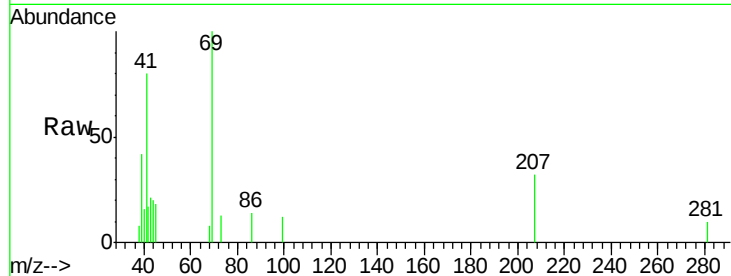
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	3175
Ion	Ratio	Lower	Upper
69	100		
41	87.7	54.0	81.0#
39	45.1	31.4	47.0

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.925 ug/l

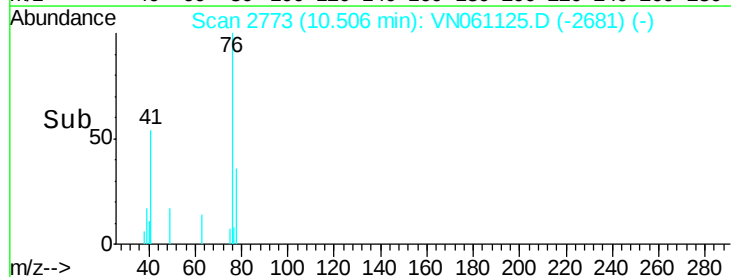
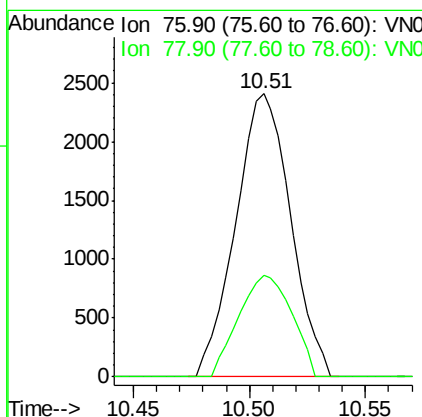
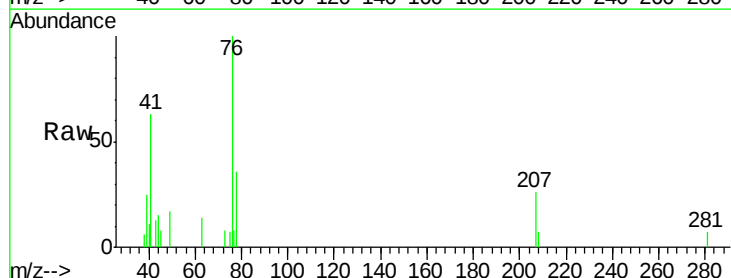
RT: 10.51 min Scan# 2773

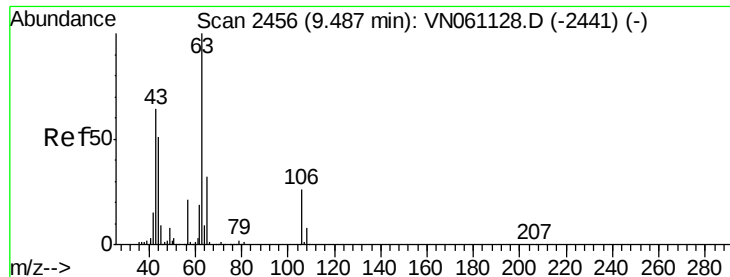
Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion:	76	Resp:	3967
Ion	Ratio	Lower	Upper
76	100		
78	34.7	26.1	39.1





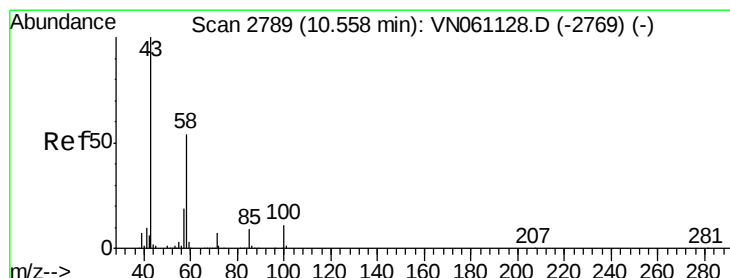
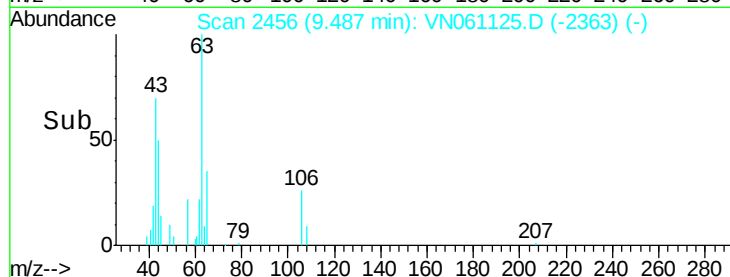
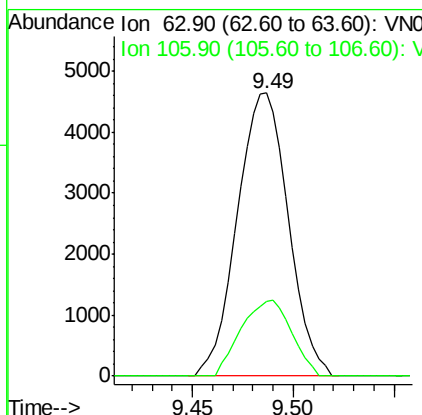
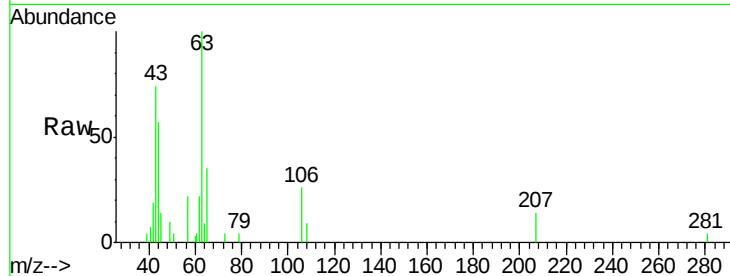
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.569 ug/l
 RT: 9.49 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 8210
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.3 31.9

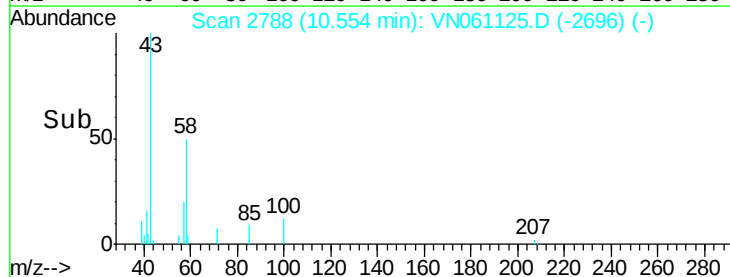
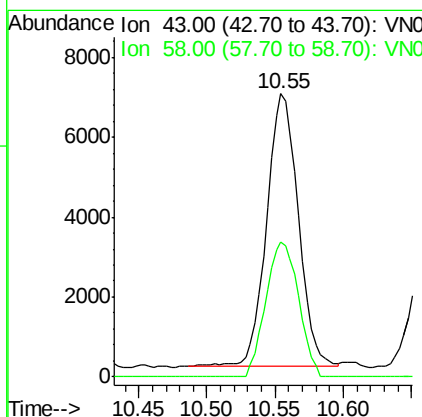
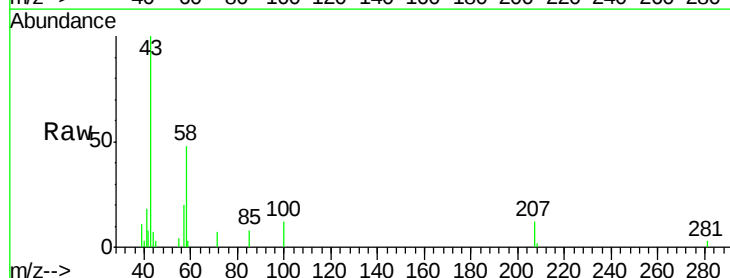
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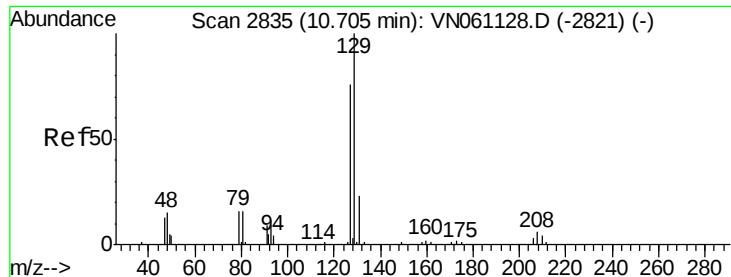
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#59
 2-Hexanone
 Concen: 4.195 ug/l
 RT: 10.55 min Scan# 2788
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion: 43 Resp: 10986
 Ion Ratio Lower Upper
 43 100
 58 51.0 26.9 80.6





#60

Dibromochloromethane

Concen: 0.903 ug/l

RT: 10.70 min Scan# 2834

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:129 Resp: 2255

Ion Ratio Lower Upper

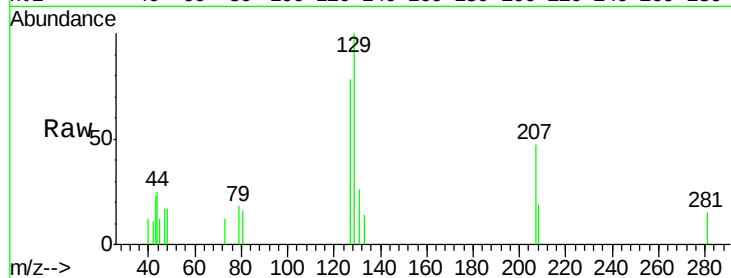
129 100

127 74.8 38.4 115.2

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.70

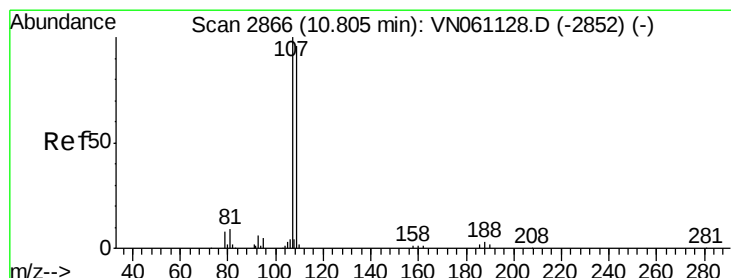
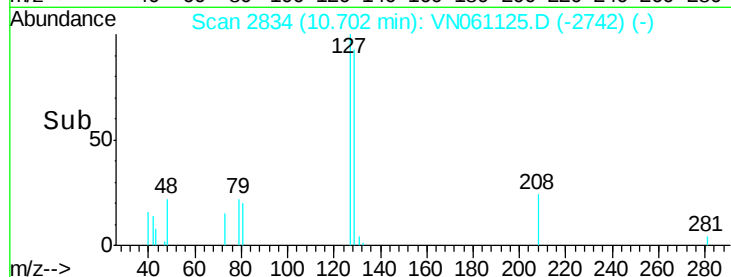
1500

1000

500

0

Time--> 10.65 10.70 10.75



#61

1,2-Dibromoethane

Concen: 0.909 ug/l

RT: 10.80 min Scan# 2865

Delta R.T. -0.00 min

Lab File: VN061125.D

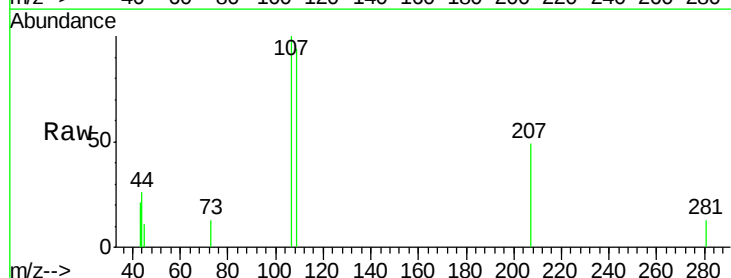
Acq: 22 Apr 2020 13:09

Tgt Ion:107 Resp: 2255

Ion Ratio Lower Upper

107 100

109 99.5 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.80

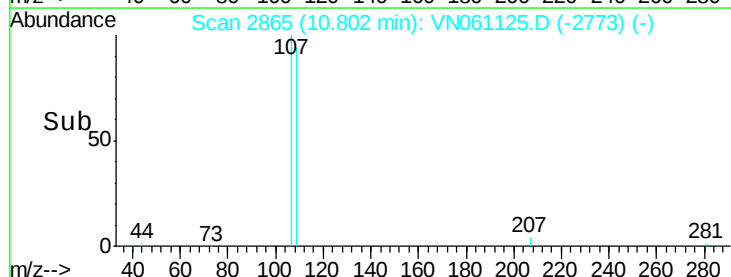
1500

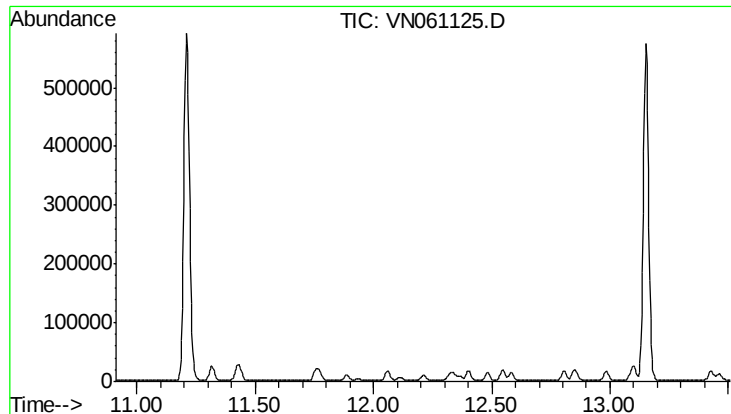
1000

500

0

Time--> 10.75 10.80





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.21 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tot Ion: 95

Sig Exp Ratio

95 100

174 78.8

176 77.2

Instrument :

MSVOA_N

ClientSampleId :

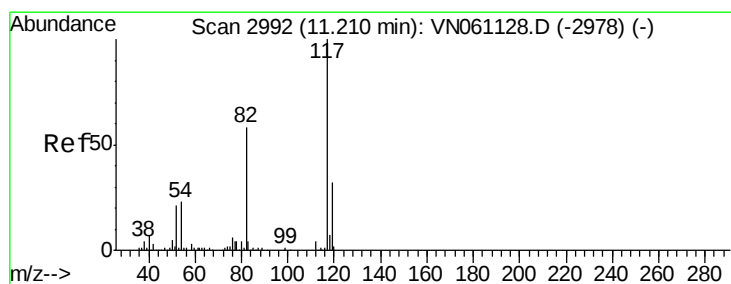
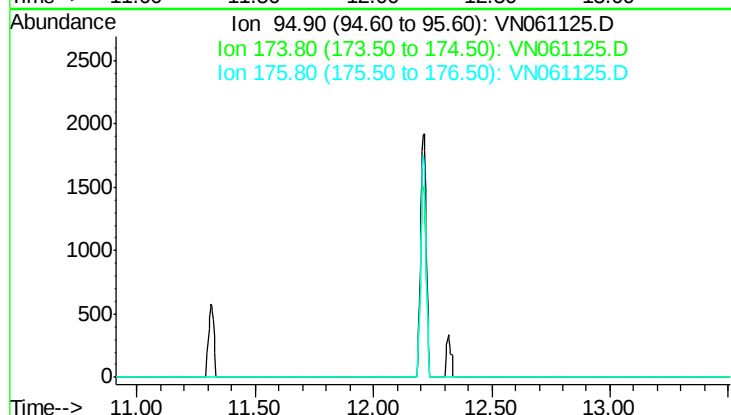
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.21 min Scan# 2992

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

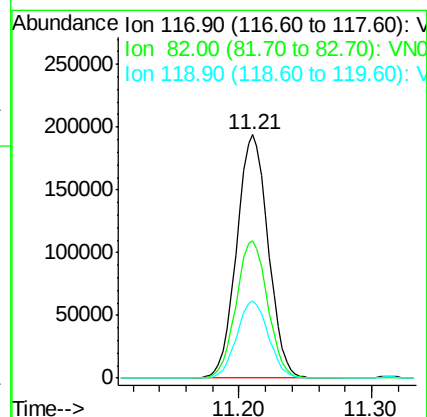
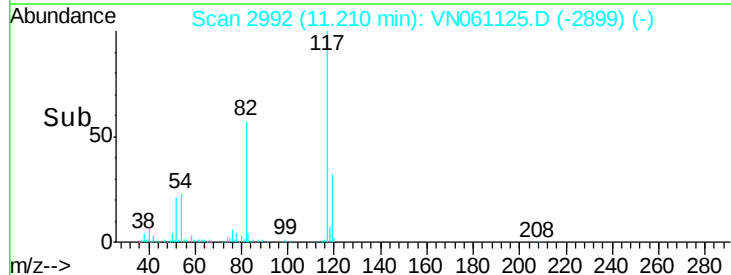
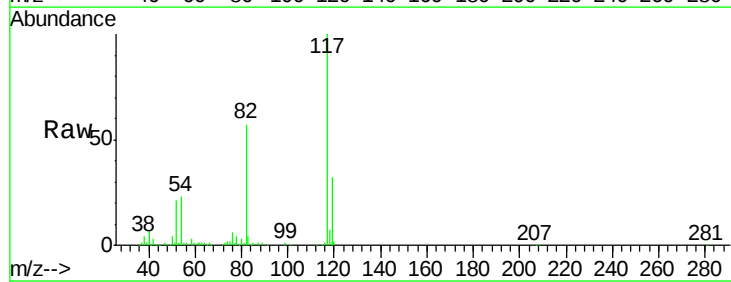
Tgt Ion:117 Resp: 319099

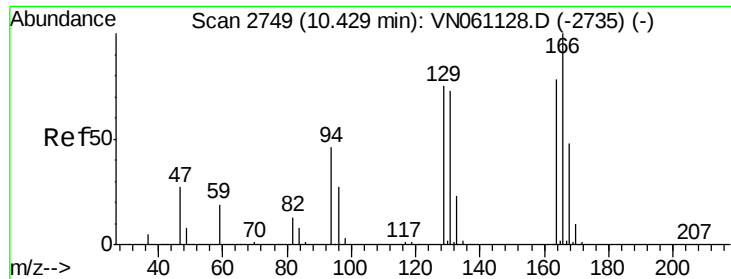
Ion Ratio Lower Upper

117 100

82 56.5 46.0 69.0

119 31.8 25.9 38.9





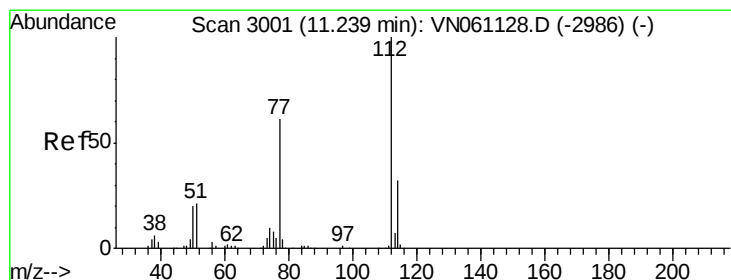
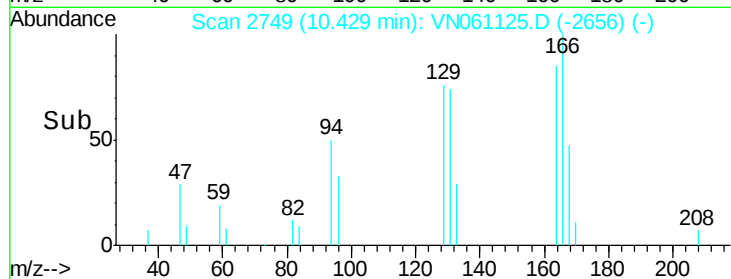
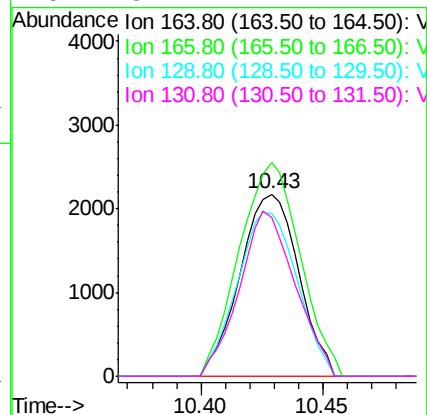
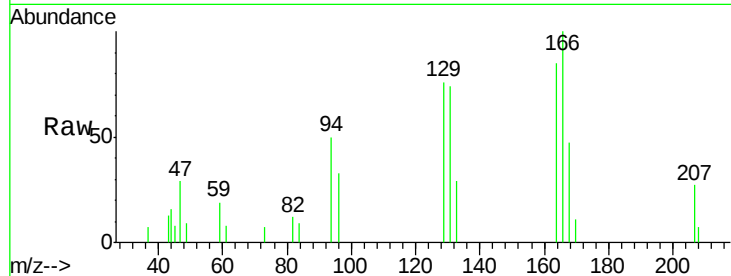
#64
Tetrachloroethene
Concen: 1.405 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	117.5	101.9	152.9
129	89.2	76.5	114.7
131	87.2	74.2	111.4

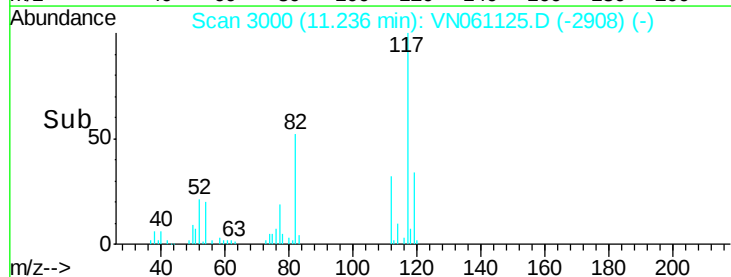
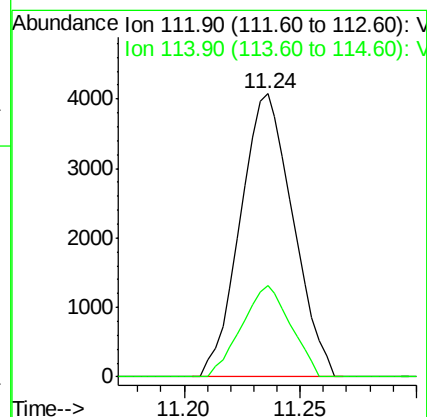
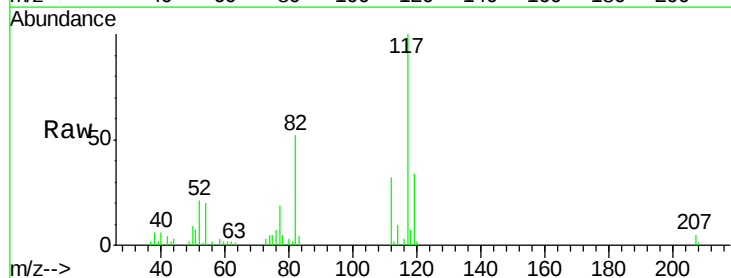
Manual Integrations
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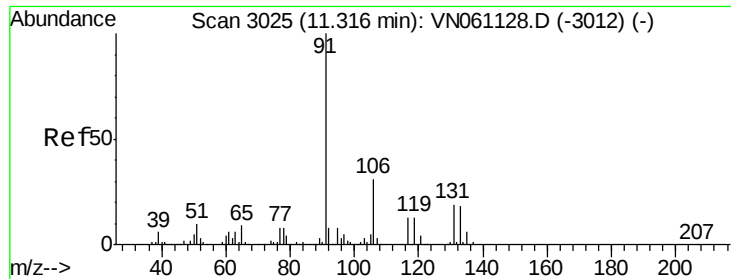
MMDadoda
4/23/2020 11:35:56 AM



#65
Chlorobenzene
Concen: 0.976 ug/l
RT: 11.24 min Scan# 3000
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 0.896 ug/l

RT: 11.32 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

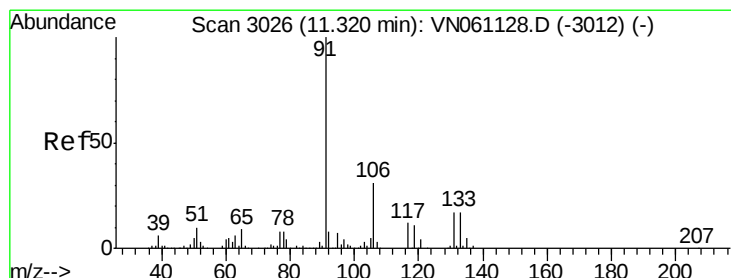
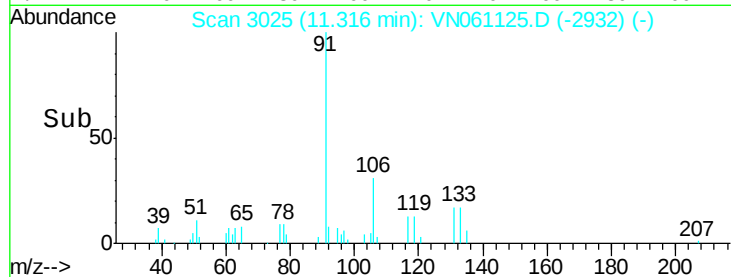
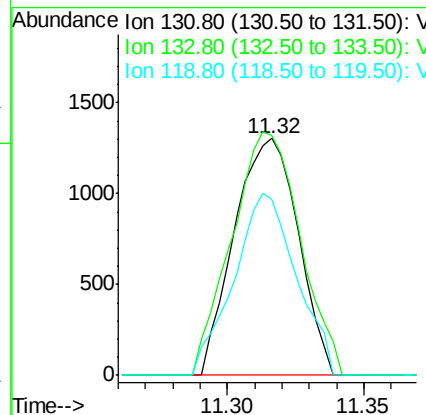
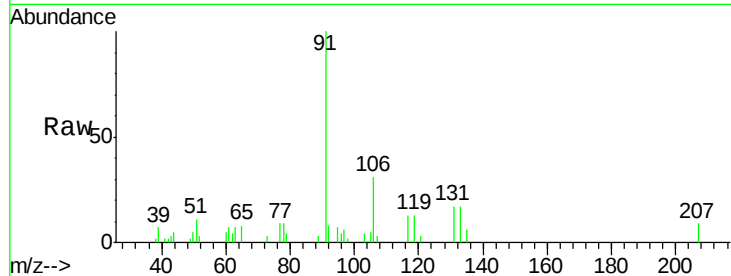
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	110.2	48.2	144.6
119	0.0	33.1	99.5#

Manual Integrations
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#67

Ethyl Benzene

Concen: 0.963 ug/l

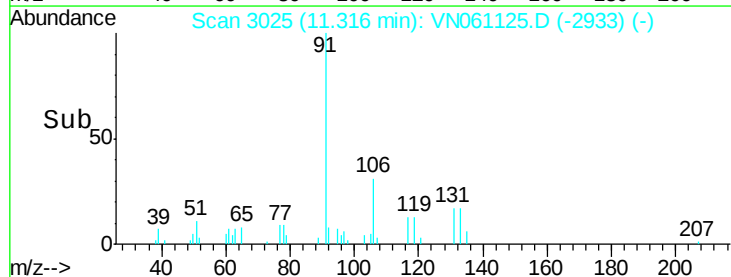
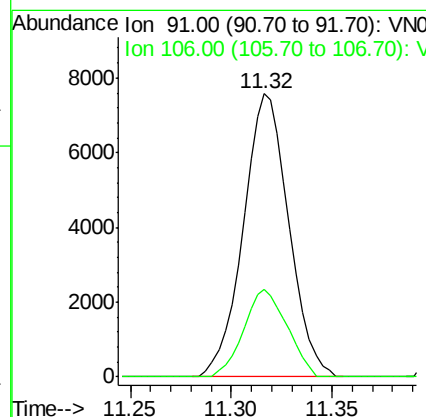
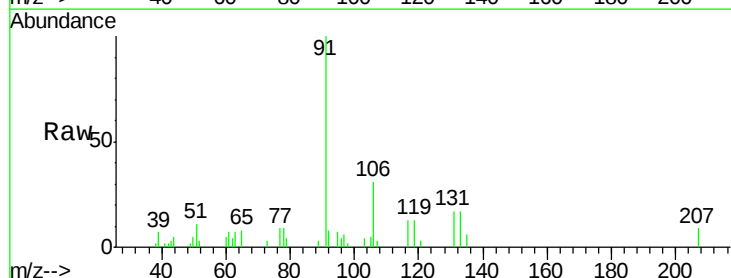
RT: 11.32 min Scan# 3025

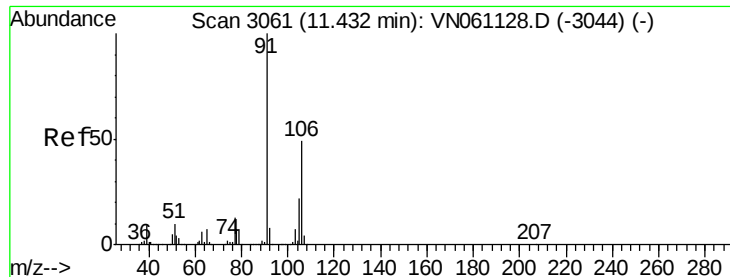
Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.7	37.1





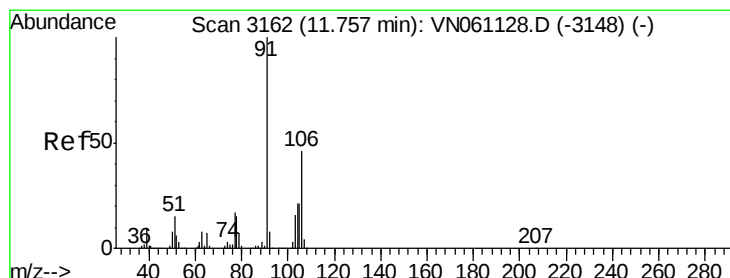
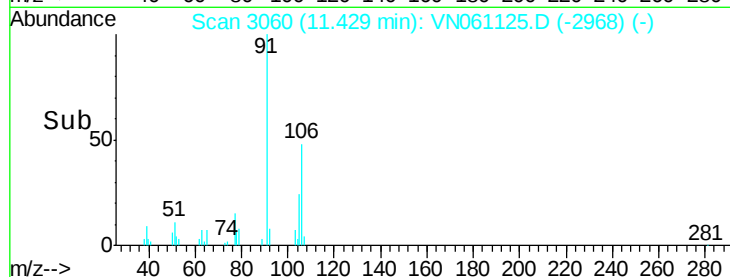
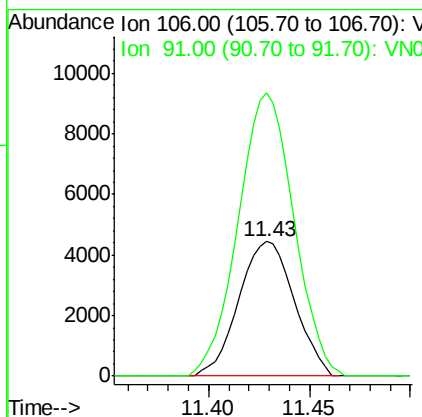
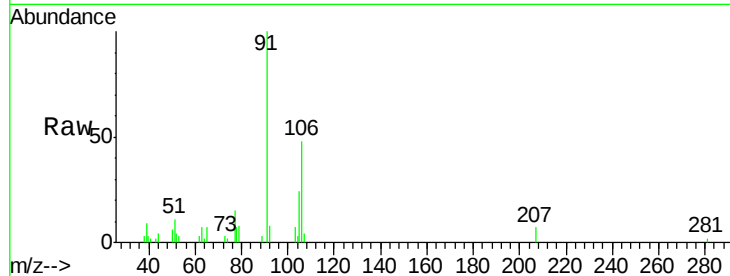
#68
m/p-Xylenes
Concen: 1.900 ug/l
RT: 11.43 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 8550
Ion Ratio Lower Upper
106 100
91 210.9 163.9 245.9

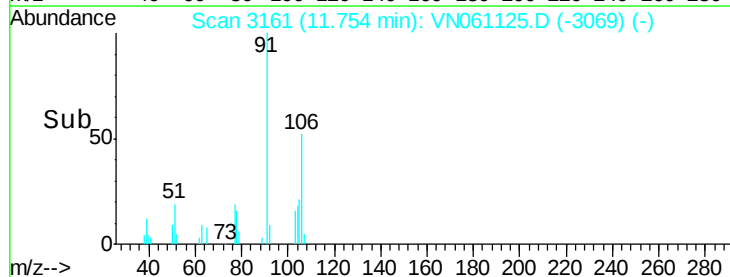
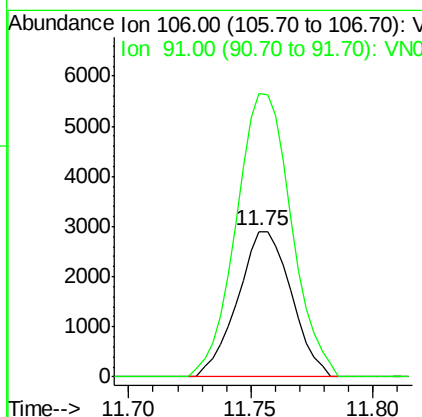
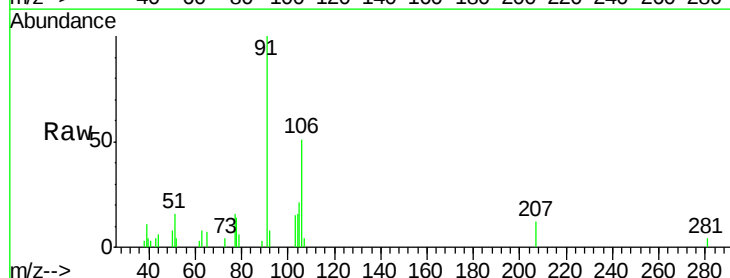
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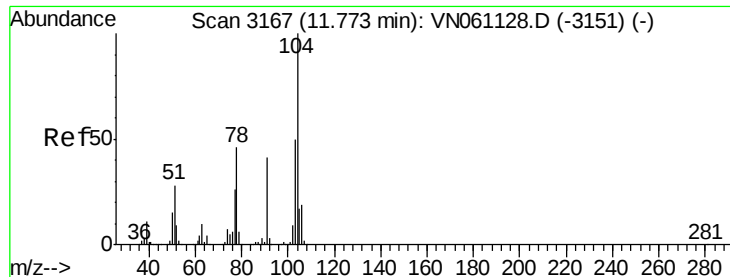
MMDadoda
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#69
o-Xylene
Concen: 1.023 ug/l
RT: 11.75 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion:106 Resp: 4426
Ion Ratio Lower Upper
106 100
91 200.3 107.6 322.8





#70

Stvrene

Concen: 0.909 ug/l

RT: 11.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

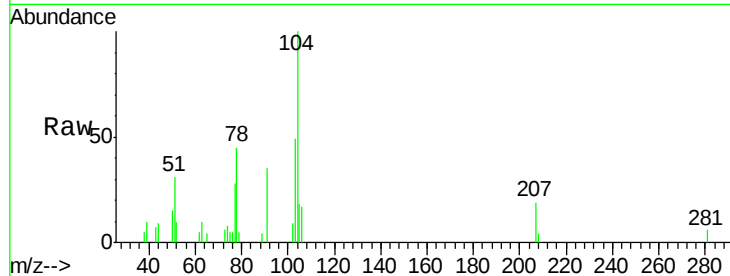
ClientSampleId :

VSTDIC001

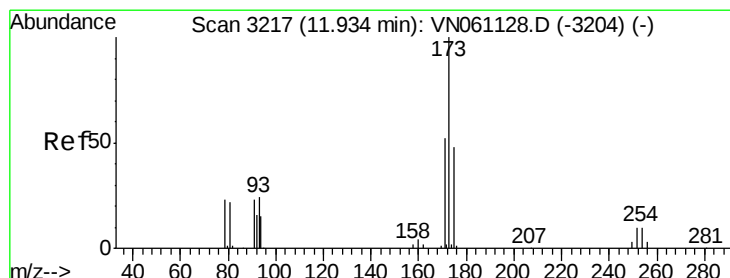
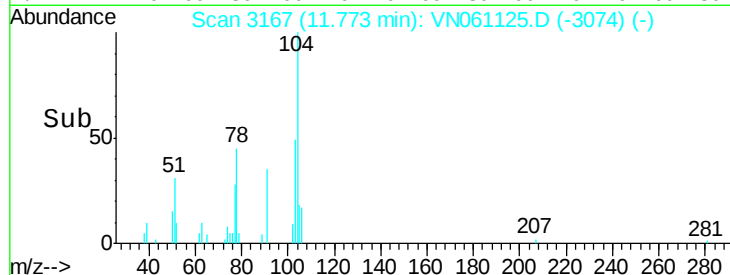
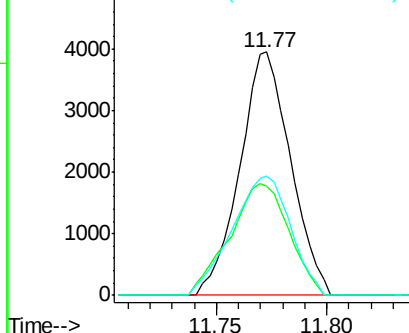
Tot Ion:	104	Resp:	6331
Ion Ratio	Lower	Upper	
104	100		
78	53.1	40.6	61.0
103	56.3	43.7	65.5

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Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.782 ug/l

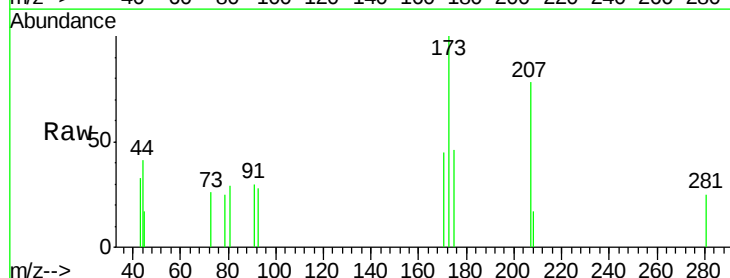
RT: 11.93 min Scan# 3216

Delta R.T. -0.00 min

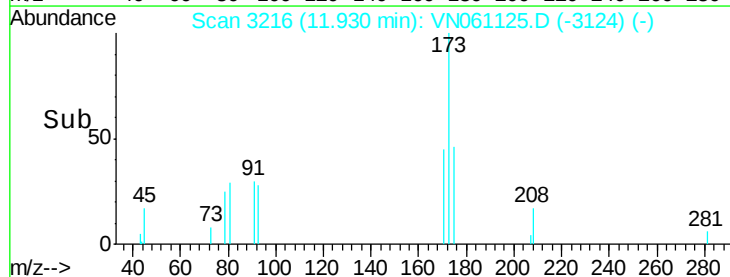
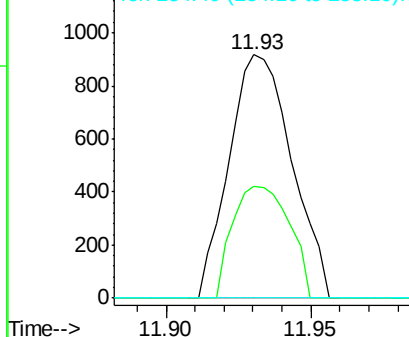
Lab File: VN061125.D

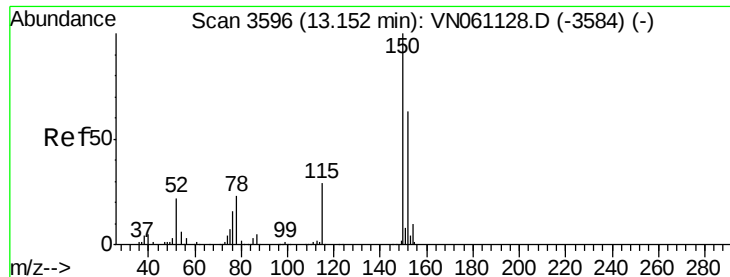
Acq: 22 Apr 2020 13:09

Tgt Ion:	173	Resp:	1379
Ion Ratio	Lower	Upper	
173	100		
175	41.3	23.9	71.8
254	0.0	0.0	0.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

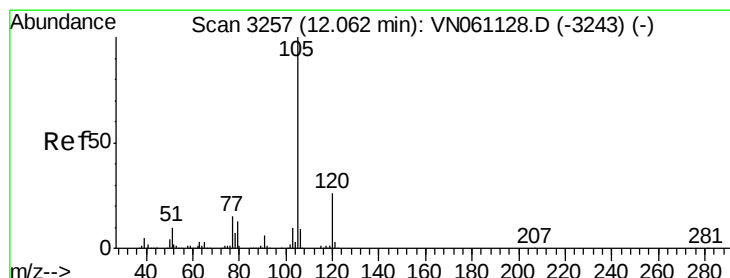
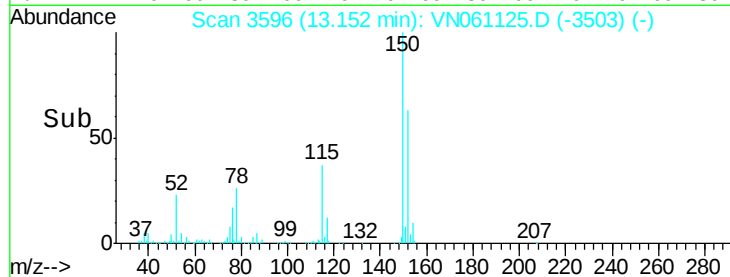
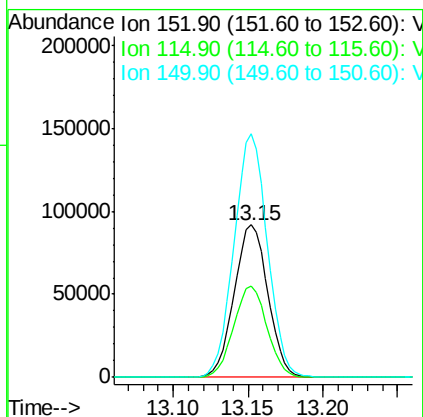
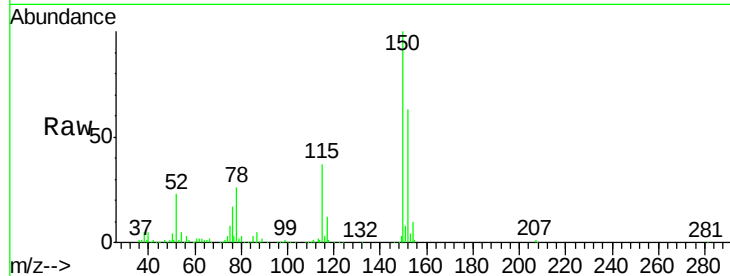
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	144019
Ion Ratio	Lower	Upper	
152	100		
115	59.4	29.8	89.5
150	158.1	0.0	348.6

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.966 ug/l

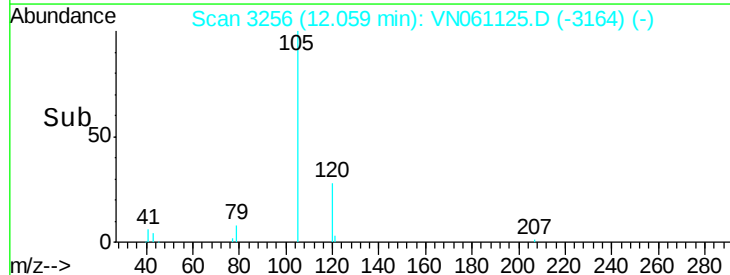
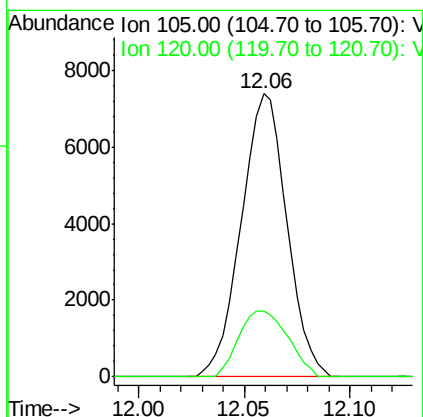
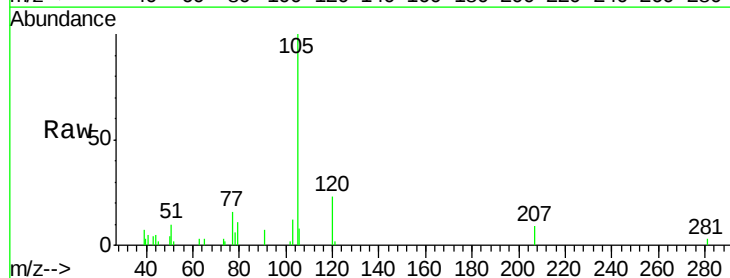
RT: 12.06 min Scan# 3256

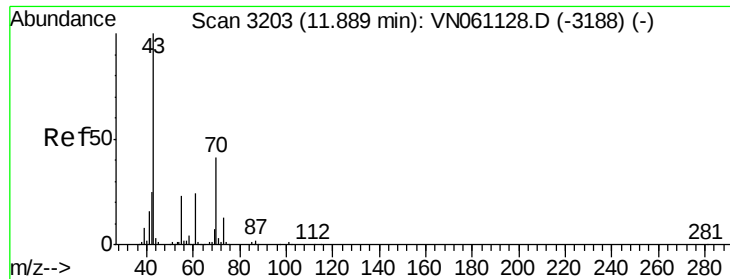
Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion:	105	Resp:	11106
Ion Ratio	Lower	Upper	
105	100		
120	25.1	13.1	39.3





#74

N-amvl acetate

Concen: 0.911 ug/l

RT: 11.89 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

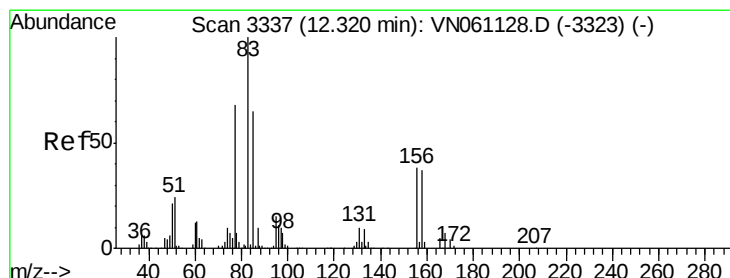
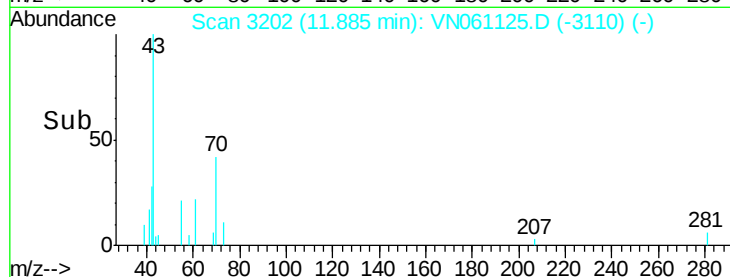
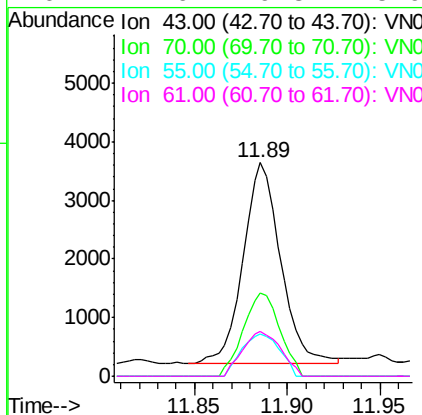
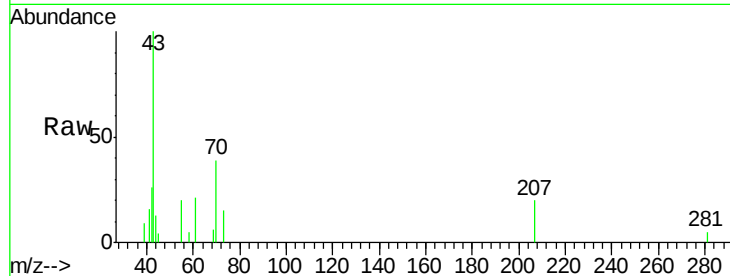
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	4834
Ion	Ratio	Lower	Upper
43	100		
70	40.3	32.5	48.7
55	21.3	19.0	28.6
61	22.6	19.3	28.9

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.854 ug/l

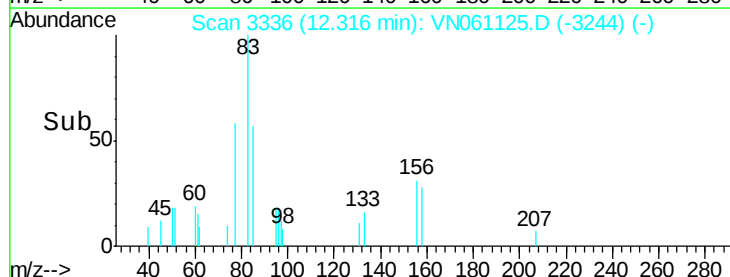
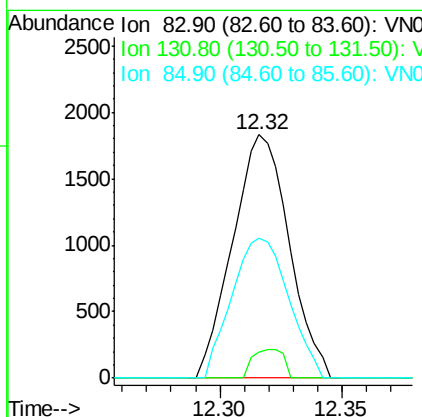
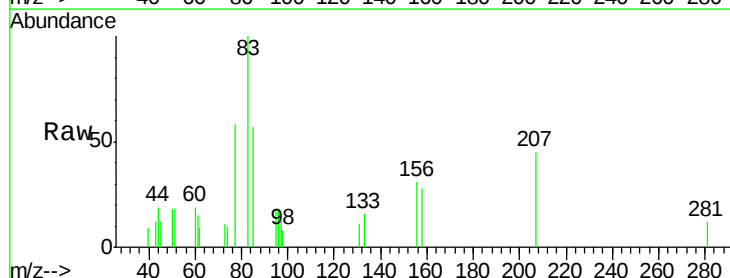
RT: 12.32 min Scan# 3336

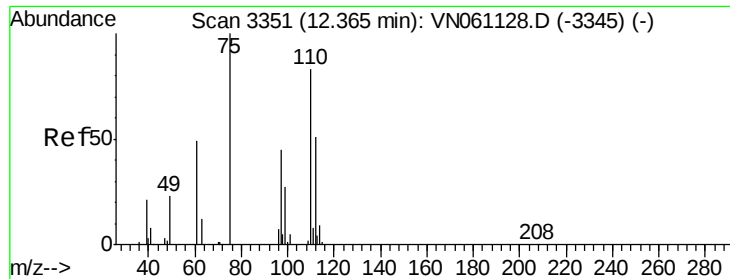
Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion:	83	Resp:	2932
Ion	Ratio	Lower	Upper
83	100		
131	6.4	5.1	15.2
85	57.9	31.9	95.5





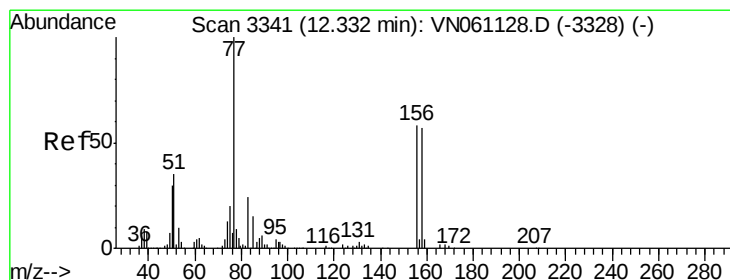
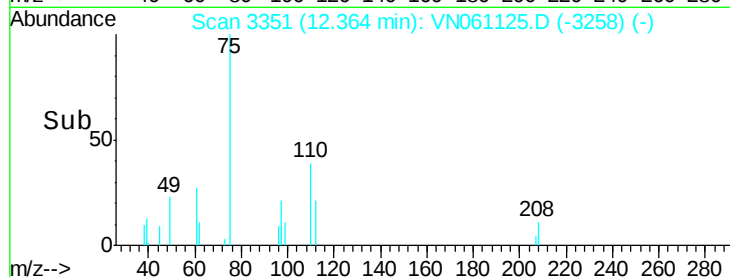
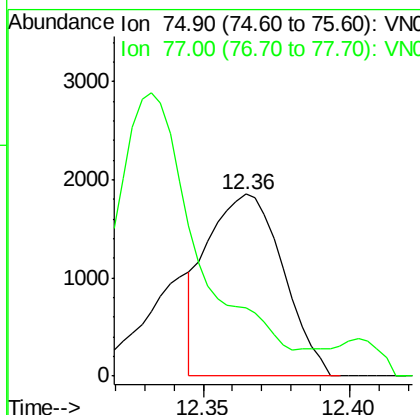
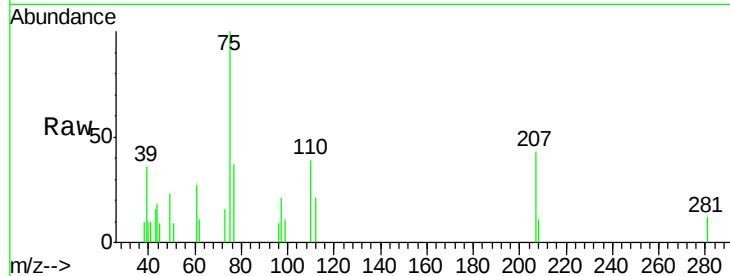
#76
 1,2,3-Trichloropropane
 Concen: 1.029 ug/l m
 RT: 12.36 min Scan# 3351
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

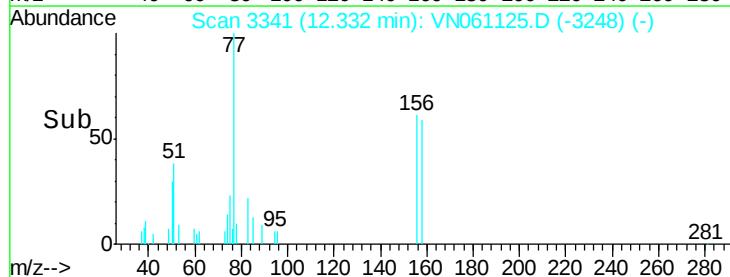
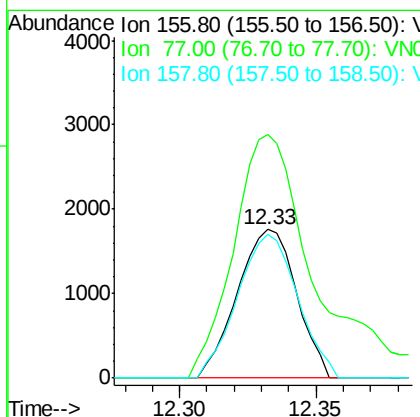
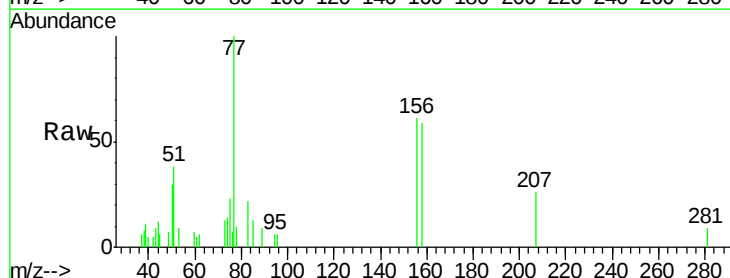
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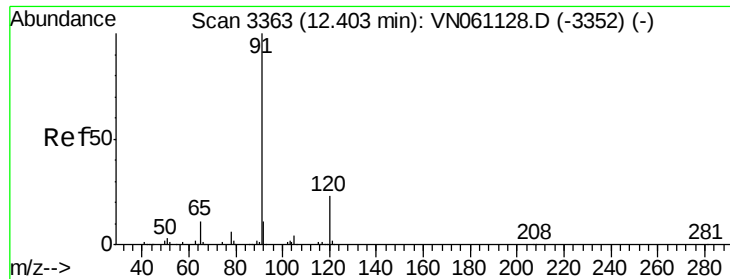
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#77
 Bromobenzene
 Concen: 0.979 ug/l
 RT: 12.33 min Scan# 3341
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
156	100		
77	221.7	105.7	317.1
158	98.5	48.3	144.9





#78

n-propylbenzene

Concen: 0.952 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 12755

Ion Ratio Lower Upper

91 100

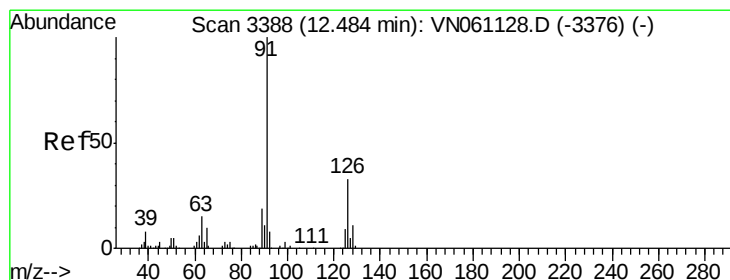
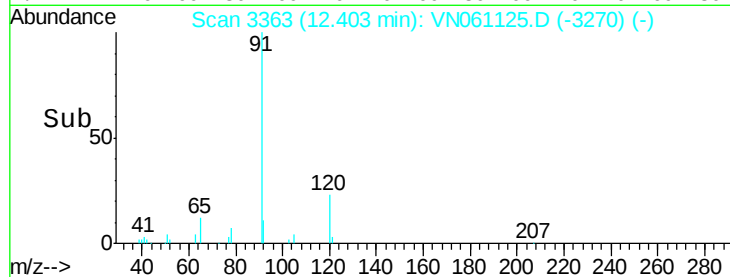
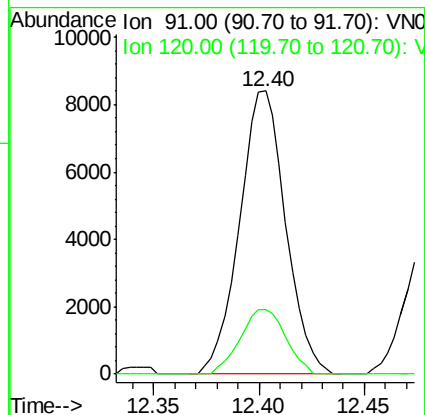
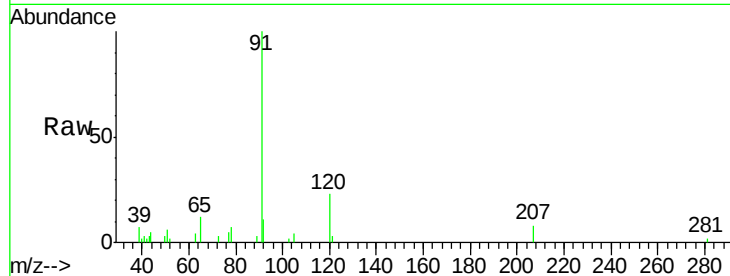
120 22.7 11.3 33.9

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#79

2-Chlorotoluene

Concen: 0.951 ug/l

RT: 12.48 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN061125.D

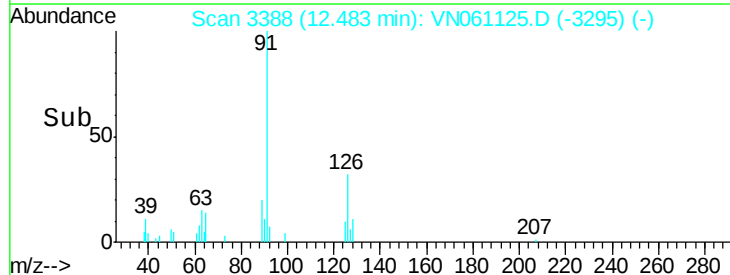
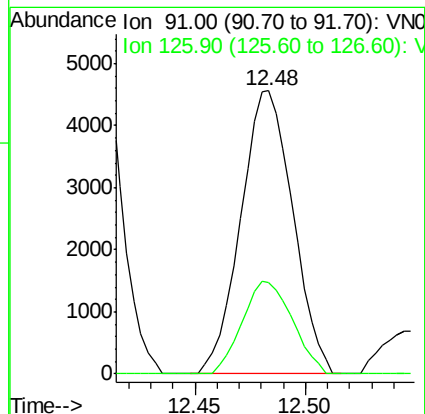
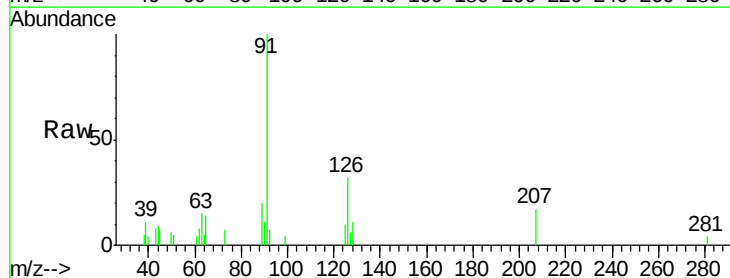
Acq: 22 Apr 2020 13:09

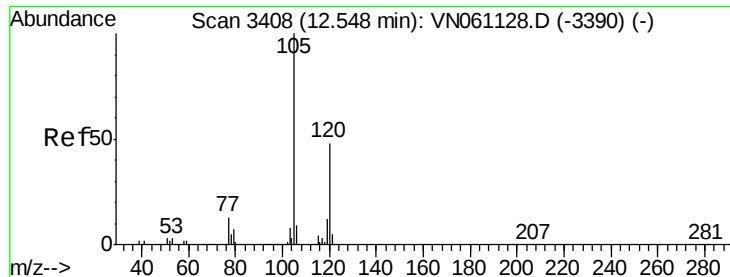
Tgt Ion: 91 Resp: 7478

Ion Ratio Lower Upper

91 100

126 31.4 16.7 50.1





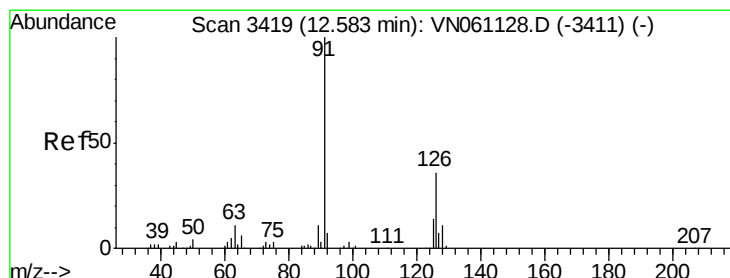
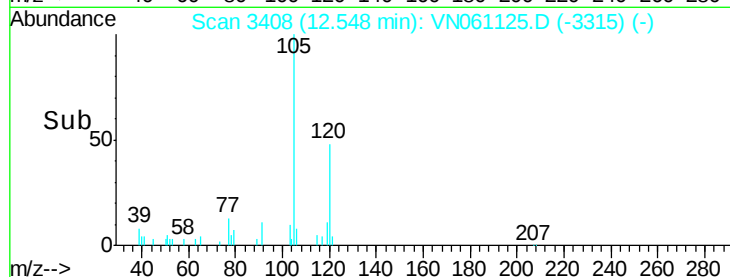
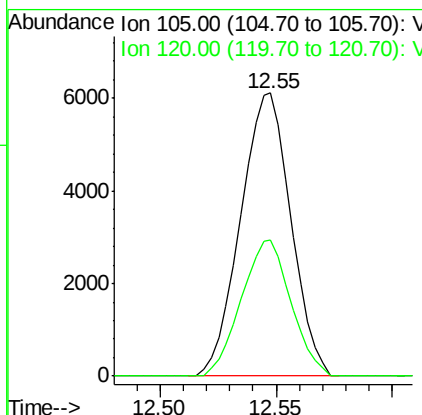
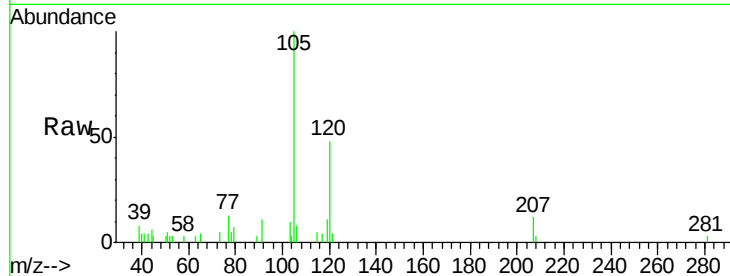
#80
 1,3,5-Trimethylbenzene
 Concen: 0.971 ug/l
 RT: 12.55 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.8	71.5

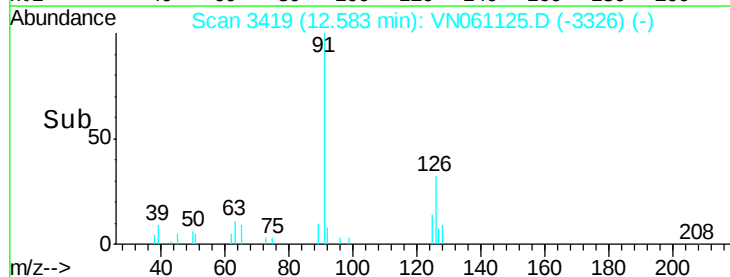
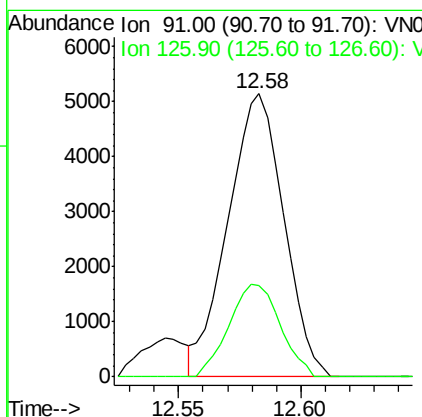
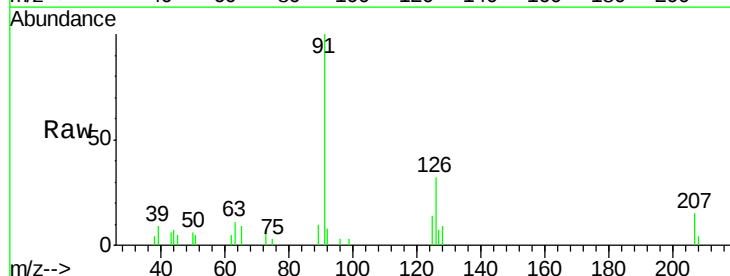
Manual Integrations
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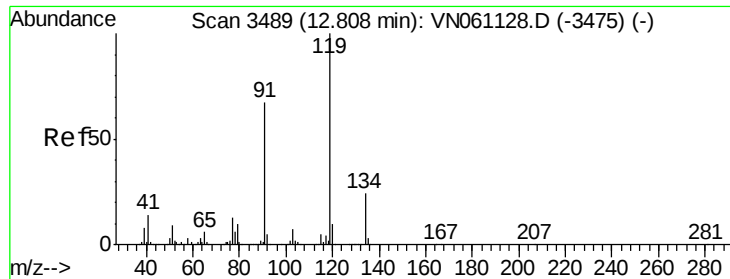
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#82
 4-Chlorotoluene
 Concen: 1.000 ug/l
 RT: 12.58 min Scan# 3419
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	16.4	49.2





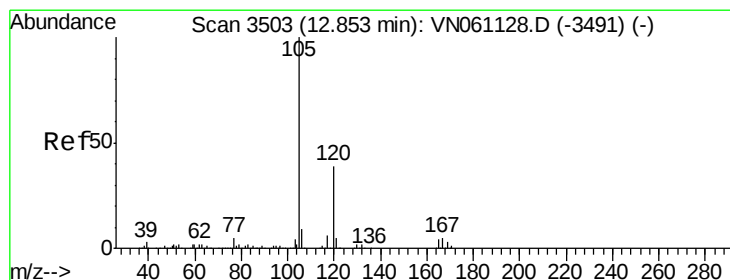
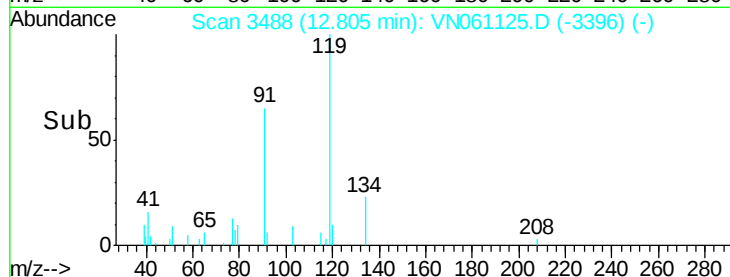
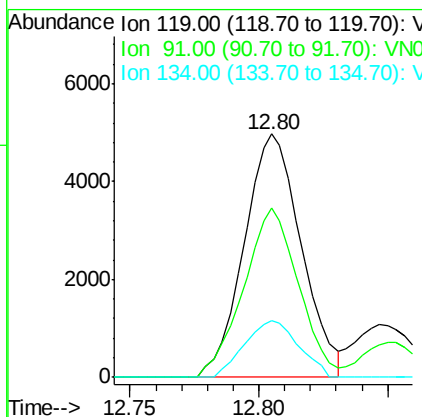
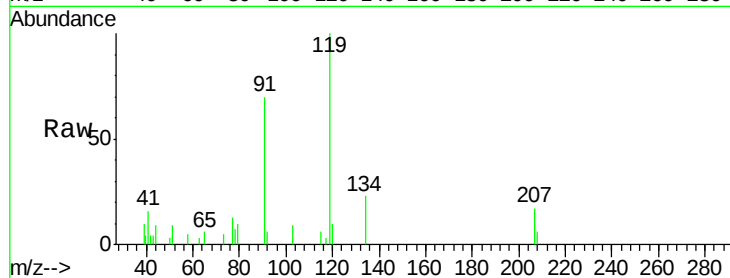
#83
 tert-Butylbenzene
 Concen: 0.957 ug/l
 RT: 12.80 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:	119	Resp:	7671
Ion Ratio	Lower	Upper	
119	100		
91	66.8	32.8	98.4
134	22.0	12.2	36.4

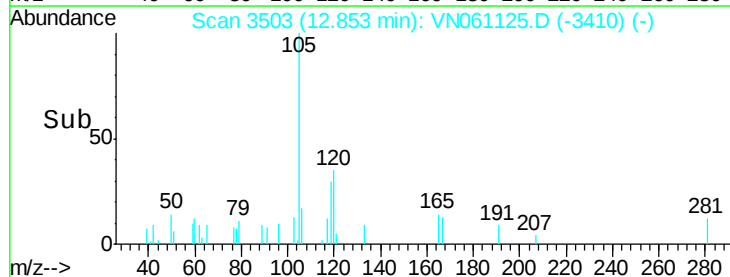
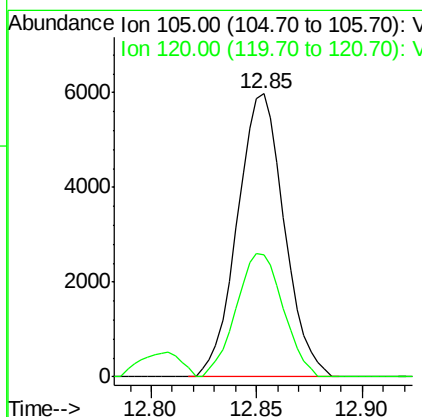
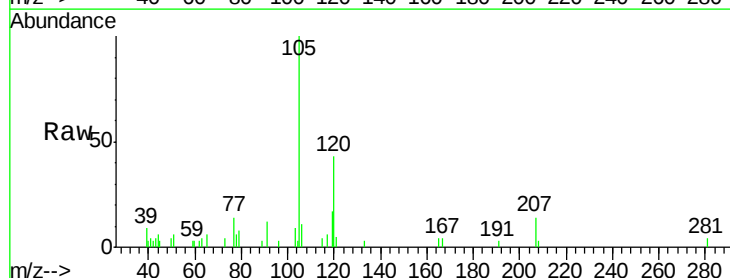
Manual Integrations
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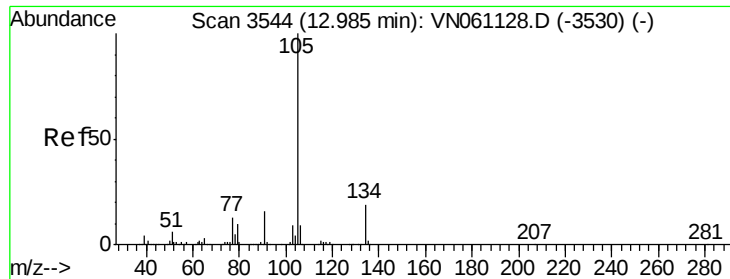
MMDadoda
 4/23/2020 11:35:56 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.984 ug/l
 RT: 12.85 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion:	105	Resp:	9242
Ion Ratio	Lower	Upper	
105	100		
120	43.6	22.4	67.0





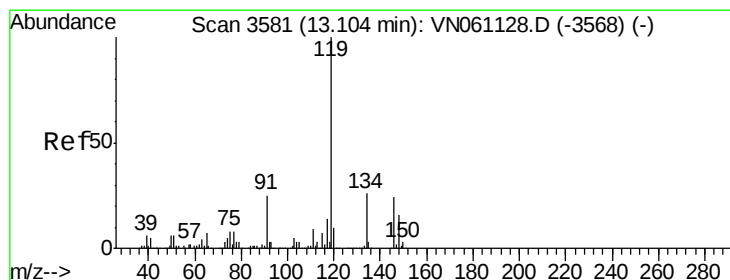
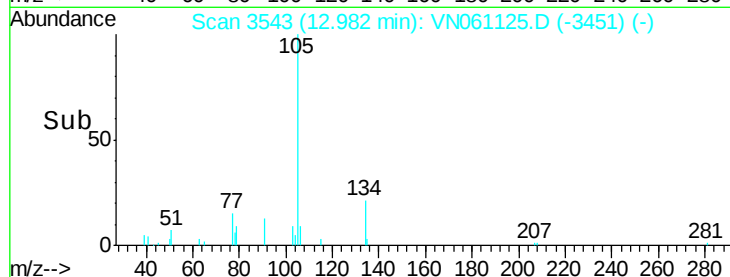
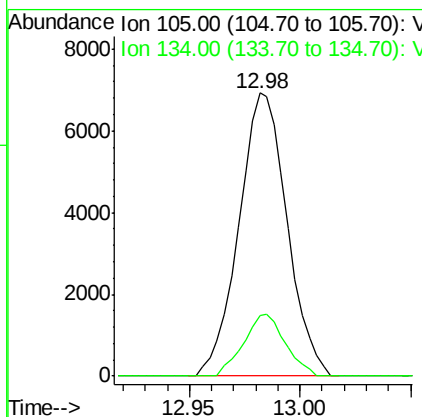
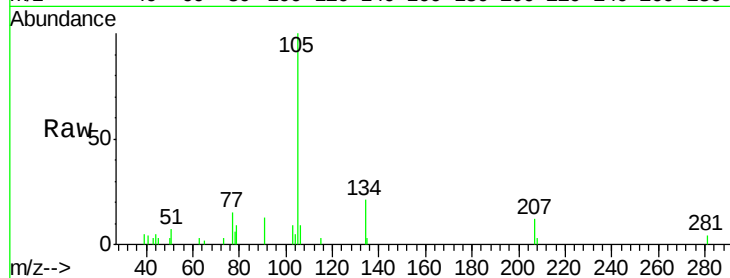
#85
 sec-Butylbenzene
 Concen: 0.970 ug/l
 RT: 12.98 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.7	28.9

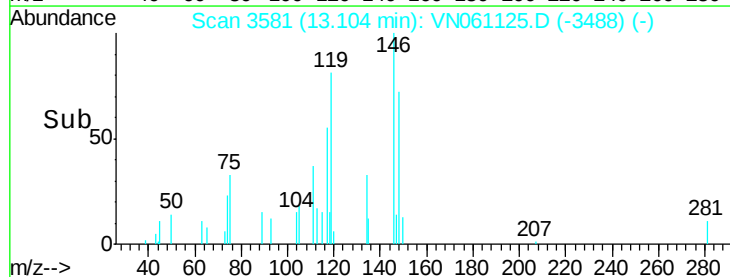
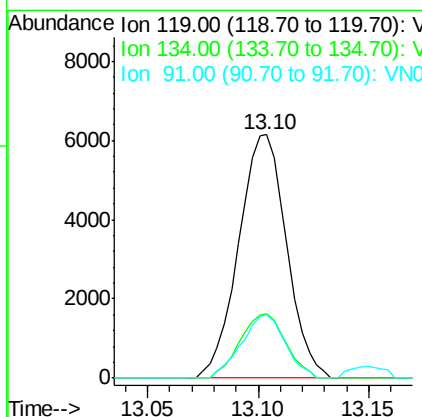
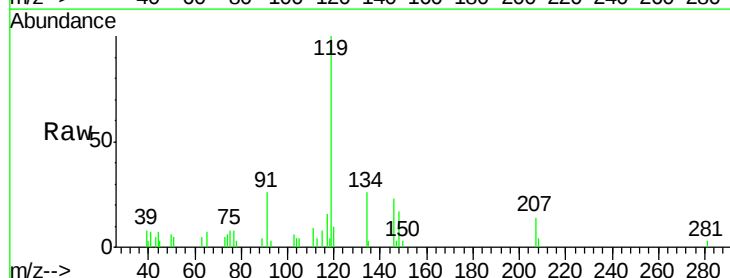
Manual Integrations
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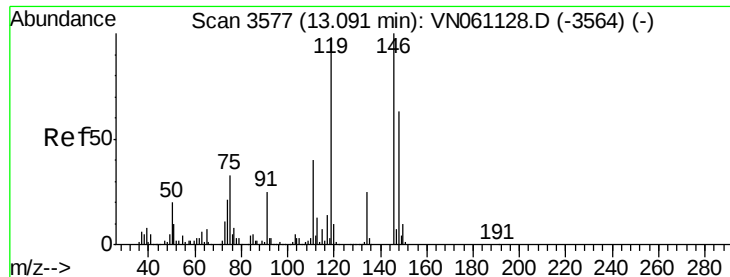
MMDadoda
 4/23/2020 11:35:56 AM



#86
 p-Isopropyltoluene
 Concen: 0.962 ug/l
 RT: 13.10 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	13.0	39.0
91	23.8	12.4	37.0





#87

1,3-Dichlorobenzene

Concen: 0.992 ug/l

RT: 13.09 min Scan# 3577

Delta R.T. -0.00 min

Lab File: VN061125.D

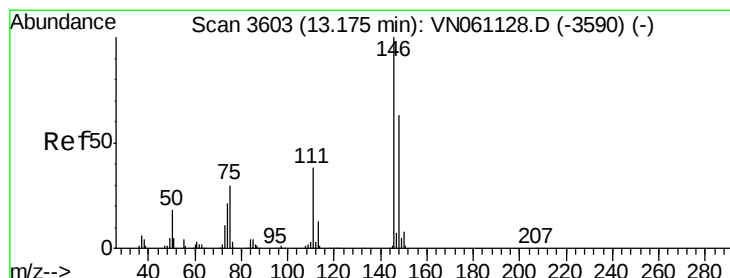
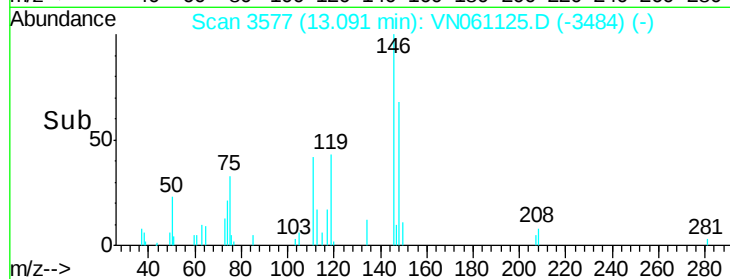
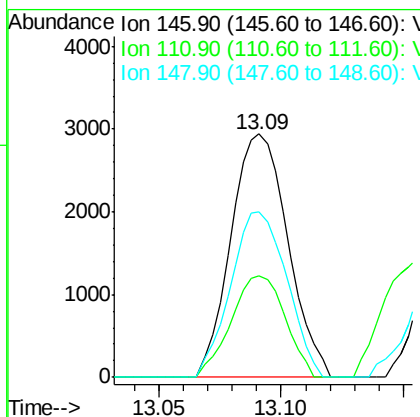
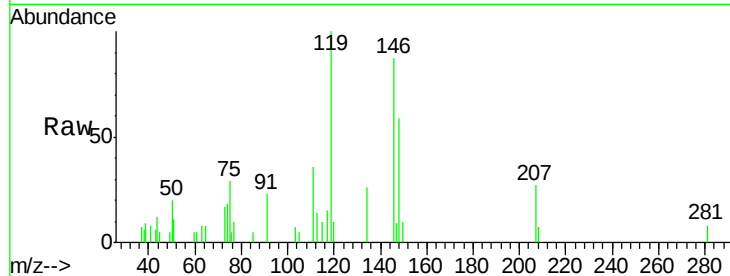
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.9
148	66.9	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 1.026 ug/l m

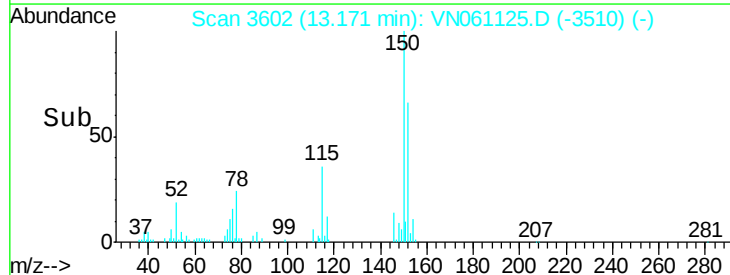
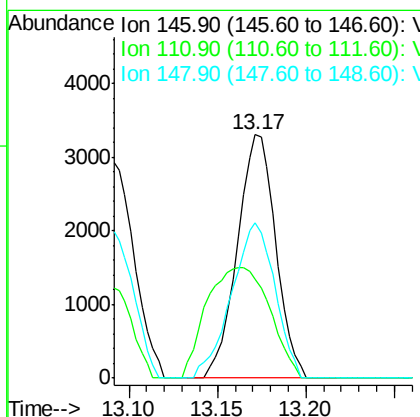
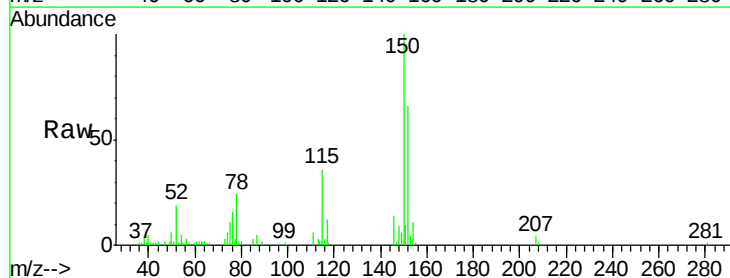
RT: 13.17 min Scan# 3602

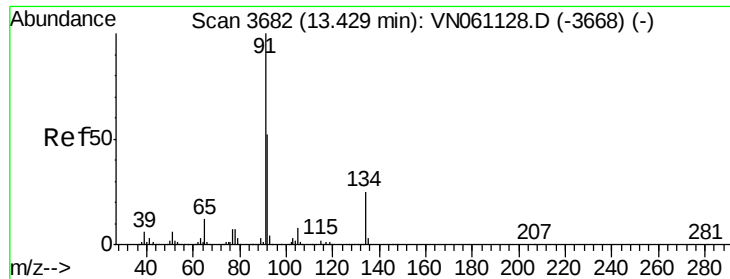
Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.7	59.1
148	64.2	31.8	95.3





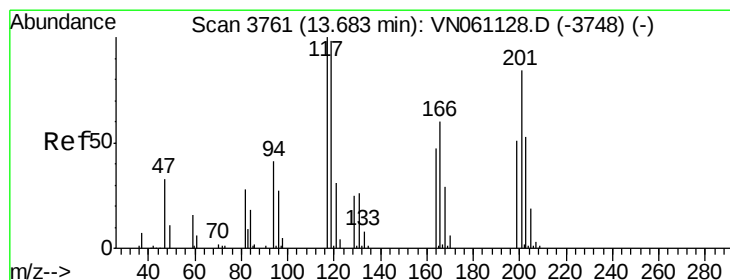
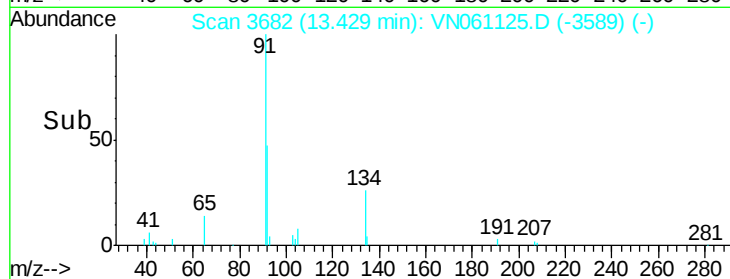
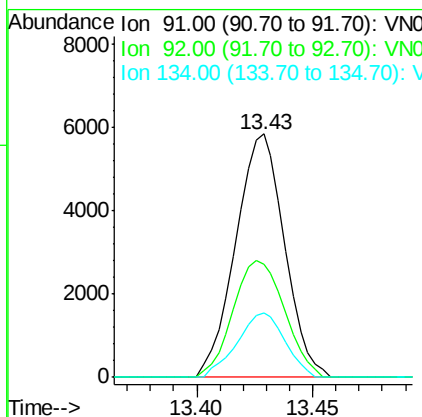
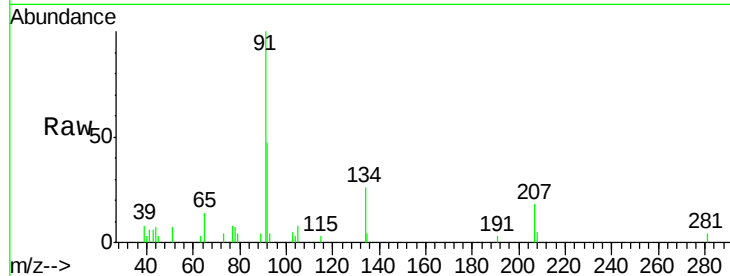
#89
n-Butylbenzene
Concen: 0.956 ug/l
RT: 13.43 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.1	78.2
134	25.7	12.6	37.6

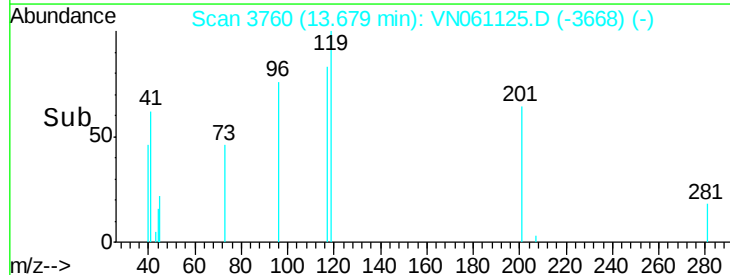
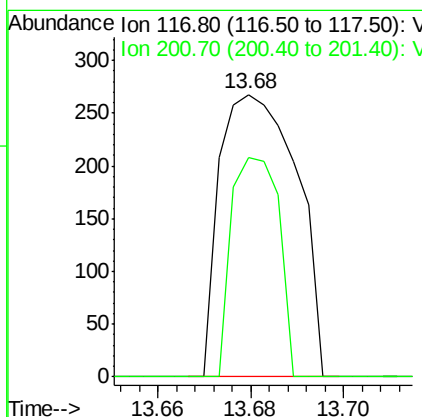
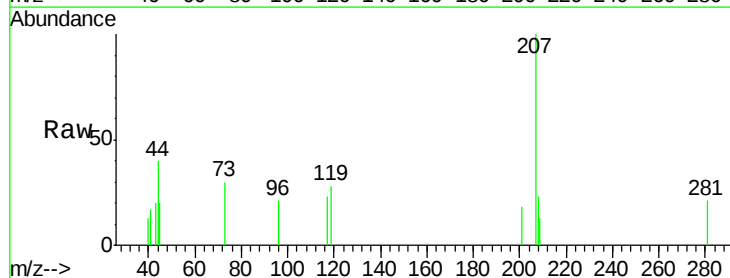
Manual Integrations
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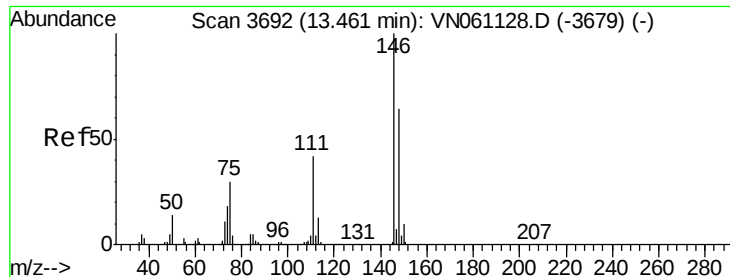
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#90
Hexachloroethane
Concen: 0.222 ug/l
RT: 13.68 min Scan# 3760
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	48.1	41.4	124.4





#91

1,2-Dichlorobenzene

Concen: 0.942 ug/l

RT: 13.46 min Scan# 3692

Delta R.T. -0.00 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

Instrument :

MSVOA_N

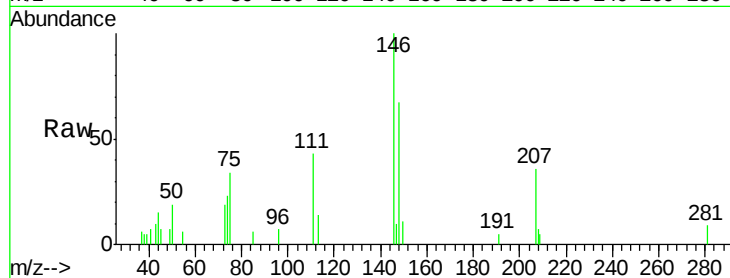
ClientSampled :

VSTDIC001

Tot Ion:	146	Resp:	4306
Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.8	62.2
148	66.3	31.7	95.1

Manual Integrations
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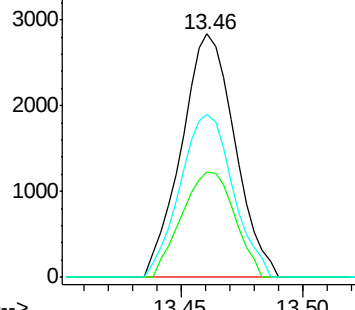
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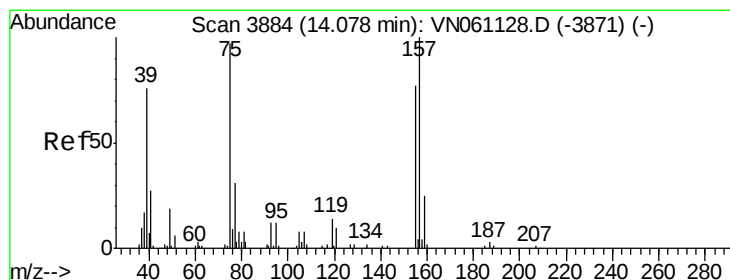
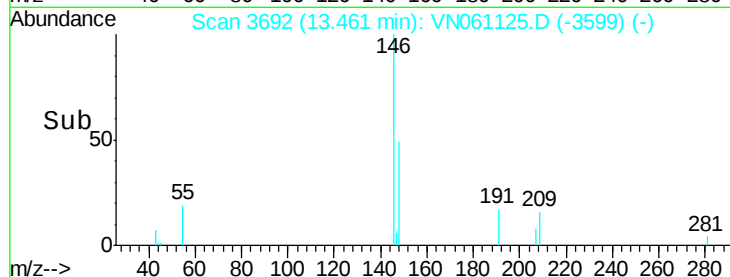
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.935 ug/l

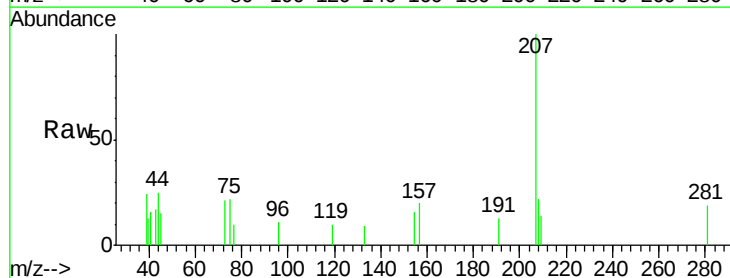
RT: 14.07 min Scan# 3882

Delta R.T. -0.01 min

Lab File: VN061125.D

Acq: 22 Apr 2020 13:09

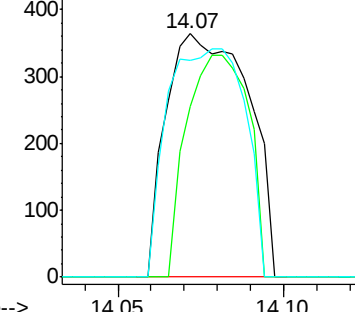
Tgt Ion:	75	Resp:	628
Ion	Ratio	Lower	Upper
75	100		
155	68.2	40.3	120.9
157	88.5	51.6	154.8



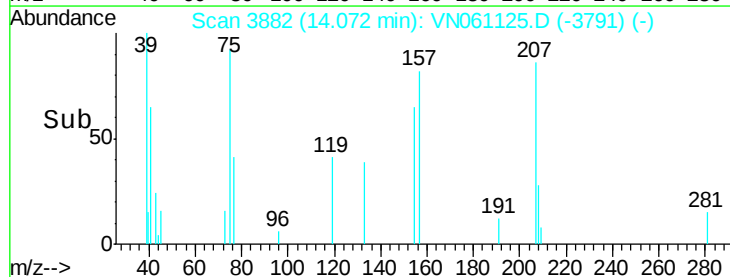
Abundance Ion 74.90 (74.60 to 75.60): V

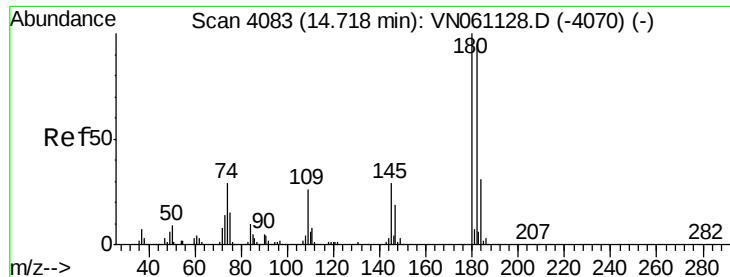
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->





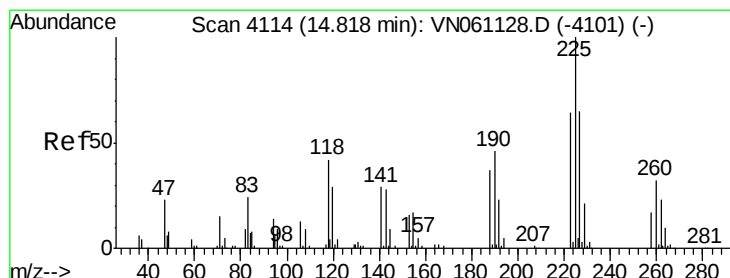
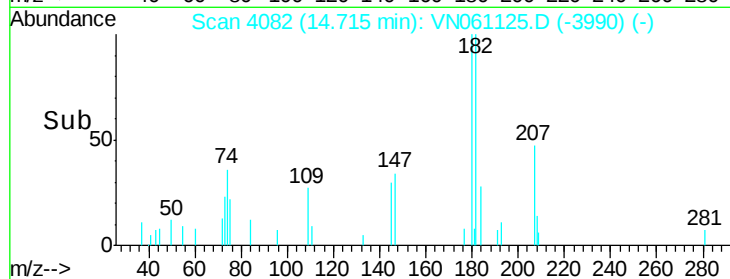
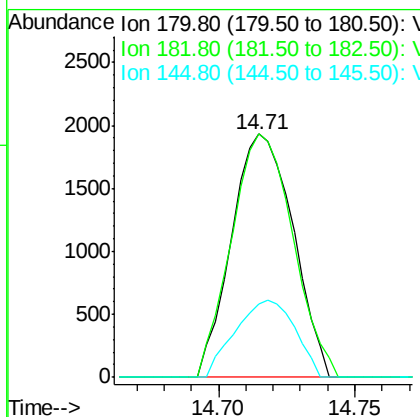
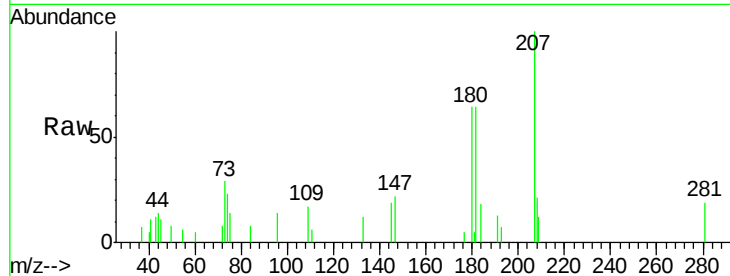
#93
 1,2,4-Trichlorobenzene
 Concen: 1.108 ug/l
 RT: 14.71 min Scan# 4082
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.9	143.7
145	30.8	15.2	45.5

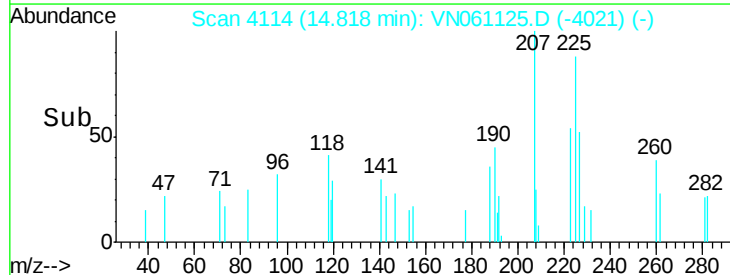
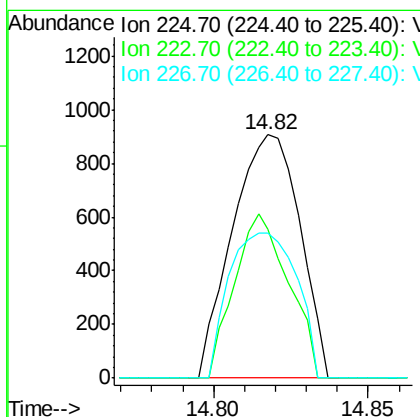
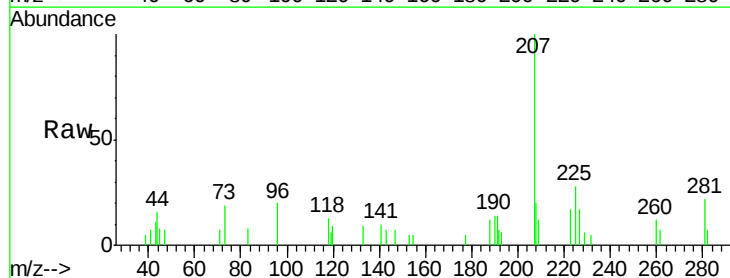
Manual Integrations
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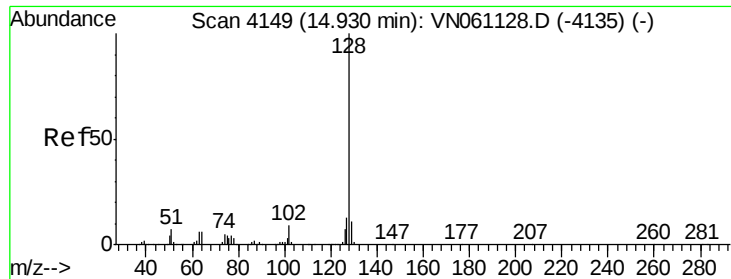
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 4/23/2020 11:35:56 AM



#94
 Hexachlorobutadiene
 Concen: 1.000 ug/l
 RT: 14.82 min Scan# 4114
 Delta R.T. -0.00 min
 Lab File: VN061125.D
 Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	54.4	31.6	95.0
227	59.8	32.0	96.2





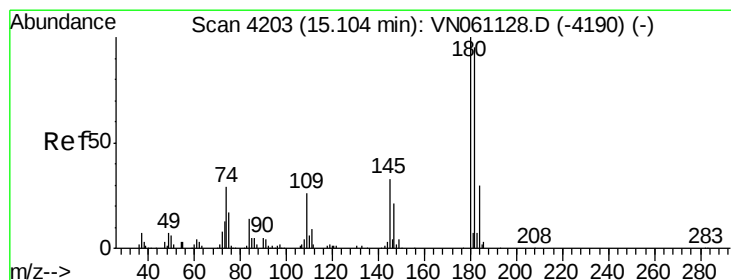
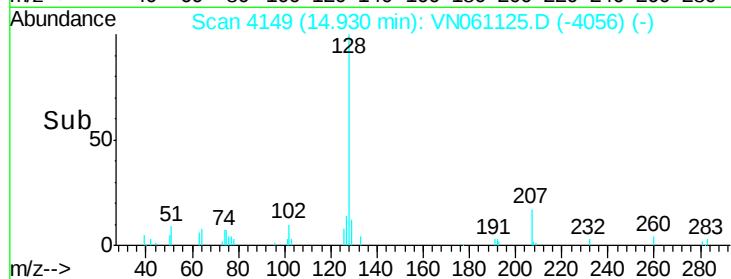
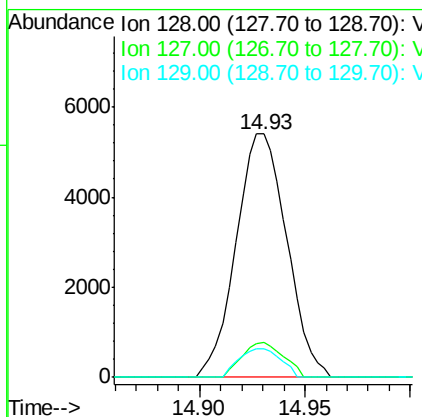
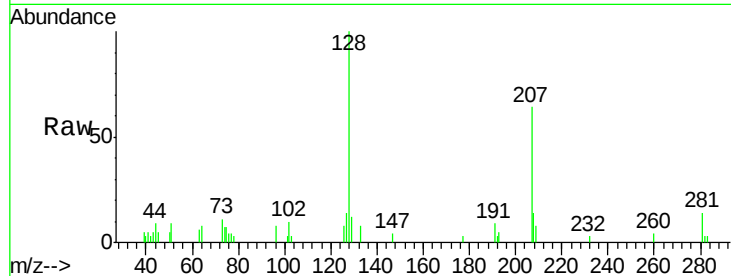
#95
Naphthalene
Concen: 1.117 ug/l
RT: 14.93 min Scan# 4149
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.4
129	9.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 1.090 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. -0.00 min
Lab File: VN061125.D
Acq: 22 Apr 2020 13:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.7	47.7	143.1
145	32.6	16.3	48.8

