

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062363.D
 Acq On : 6 Jul 2020 12:50
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:21 AM

Quant Time: Jul 07 04:47:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 04:35:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	1023023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1730941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1568968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	678237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	99649	6.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.88%	
35) Dibromofluoromethane	7.55	113	56205	4.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.78%	
50) Toluene-d8	10.06	98	216557	4.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.52%	
62) 4-Bromofluorobenzene	12.38	95	77290	4.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	55972	4.801	ug/l	93
3) Chloromethane	2.04	50	88448	5.662	ug/l	98
4) Vinyl Chloride	2.16	62	74305	4.191	ug/l	98
5) Bromomethane	2.52	94	38714	3.487	ug/l	98
6) Chloroethane	2.66	64	47813	4.039	ug/l	98
7) Trichlorofluoromethane	2.98	101	111004	4.907	ug/l	89
8) Diethyl Ether	3.37	74	38397	4.875	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57447	4.900	ug/l	97
10) Methyl Iodide	3.91	142	60007	4.485	ug/l	99
11) Tert butyl alcohol	4.74	59	63485	28.862	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	52543	4.516	ug/l	95
13) Acrolein	3.57	56	37910	20.532	ug/l #	79
14) Allyl chloride	4.27	41	126694	7.160	ug/l	98
15) Acrylonitrile	4.93	53	163764	27.839	ug/l	98
16) Acetone	3.78	43	210991	36.884	ug/l	93
17) Carbon Disulfide	4.01	76	170594	4.591	ug/l	95
18) Methyl Acetate	4.28	43	88243	6.999	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	197147m	5.145	ug/l	
20) Methylene Chloride	4.50	84	77191	5.349	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	57569	4.363	ug/l	93
22) Diisopropyl ether	5.90	45	252231	6.396	ug/l	93
23) Vinyl Acetate	5.84	43	1069080	33.304	ug/l	98
24) 1,1-Dichloroethane	5.80	63	131995	5.488	ug/l	95
25) 2-Butanone	6.79	43	258190	33.391	ug/l	98
26) 2,2-Dichloropropane	6.77	77	99733	5.017	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	63207	4.236	ug/l	96
28) Bromochloromethane	7.15	49	67851	6.132	ug/l	98
29) Tetrahydrofuran	7.17	42	161977	32.066	ug/l	97
30) Chloroform	7.33	83	131597	5.446	ug/l	92
31) Cyclohexane	7.62	56	141330	6.843	ug/l #	76
32) 1,1,1-Trichloroethane	7.53	97	100835	4.950	ug/l	97
36) 1,1-Dichloropropene	7.75	75	90254	5.117	ug/l	99
37) Ethyl Acetate	6.89	43	106457	6.703	ug/l #	96
38) Carbon Tetrachloride	7.73	117	90650	5.390	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	96448	5.017	ug/l	96
40) Benzene	8.00	78	263651	4.950	ug/l	96
41) Methacrylonitrile	7.13	41	44954	6.238	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	116207	6.183	ug/l	99
43) Isopropyl Acetate	8.13	43	172100	6.632	ug/l	98
44) Trichloroethene	8.80	130	62442	4.694	ug/l	98
45) 1,2-Dichloropropane	9.08	63	75955	5.622	ug/l	97
46) Dibromomethane	9.17	93	47463	5.279	ug/l	97
47) Bromodichloromethane	9.37	83	102491	5.598	ug/l	98
48) Methyl methacrylate	9.17	41	89921	7.542	ug/l	94
49) 1,4-Dioxane	9.17	88	24671	105.075	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	522509	34.769	ug/l	96
52) Toluene	10.12	92	156654	4.857	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	102736	5.085	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	113599	5.317	ug/l	94
55) 1,1,2-Trichloroethane	10.54	97	64395	5.080	ug/l	94
56) Ethyl methacrylate	10.40	69	94341	5.376	ug/l	97
57) 1,3-Dichloropropane	10.68	76	119990	5.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	162160	24.588	ug/l	99
59) 2-Hexanone	10.72	43	375493	34.235	ug/l	98
60) Dibromochloromethane	10.87	129	67292	4.937	ug/l	97
61) 1,2-Dibromoethane	10.98	107	62265	4.772	ug/l	98
64) Tetrachloroethene	10.60	164	50320	4.729	ug/l	94
65) Chlorobenzene	11.40	112	170851	4.977	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	59686	4.981	ug/l	93
67) Ethyl Benzene	11.48	91	293006	5.013	ug/l	100
68) m/p-Xylenes	11.60	106	208680	9.327	ug/l	94
69) o-Xylene	11.92	106	100494	4.763	ug/l	98
70) Styrene	11.94	104	158100	4.484	ug/l	97
71) Bromoform	12.10	173	47893	5.540	ug/l #	98
73) Isopropylbenzene	12.22	105	277418	5.298	ug/l	100
74) N-amyl acetate	12.05	43	129105	6.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	94211	5.365	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	96002m	6.003	ug/l	
77) Bromobenzene	12.50	156	60455	4.678	ug/l	97
78) n-propylbenzene	12.57	91	308802	5.140	ug/l	99
79) 2-Chlorotoluene	12.65	91	190199	5.210	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	223517	5.237	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	26613	4.812	ug/l	97
82) 4-Chlorotoluene	12.75	91	194982	5.165	ug/l	99
83) tert-Butylbenzene	12.97	119	188174	5.181	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	220362	5.182	ug/l	97
85) sec-Butylbenzene	13.15	105	242822	5.034	ug/l	99
86) p-Isopropyltoluene	13.26	119	216127	5.126	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112630	4.948	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	113341	4.825	ug/l	95
89) n-Butylbenzene	13.59	91	177880	5.037	ug/l	97
90) Hexachloroethane	13.85	117	42641	5.081	ug/l	89
91) 1,2-Dichlorobenzene	13.63	146	108376	4.908	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	18638	6.409	ug/l	99

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MSVOA_N
ClientSampleId :
VSTDICC005

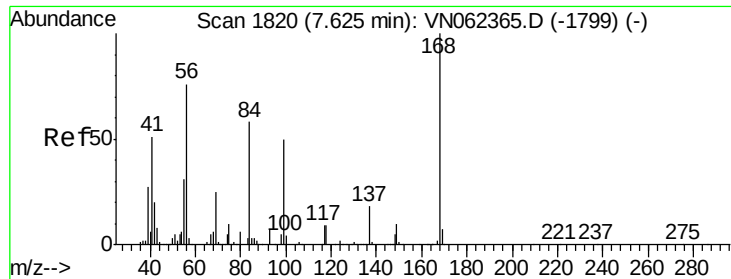
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40973	4.201	ug/l	98
94) Hexachlorobutadiene	14.98	225	31327	6.993	ug/l	99
95) Naphthalene	15.10	128	102464	3.662	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	40350	4.057	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 1023023

Ion Ratio Lower Upper

168 100

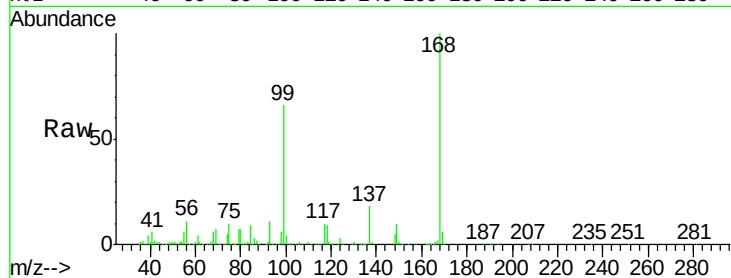
99 65.6 52.9 79.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

400000

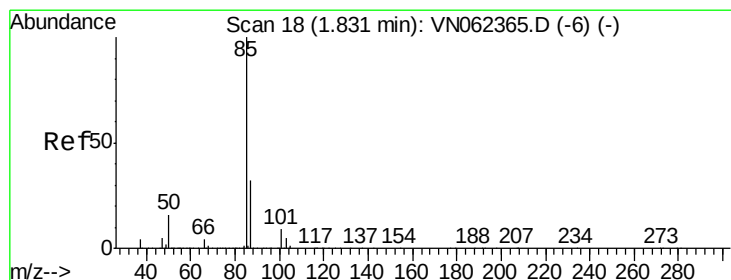
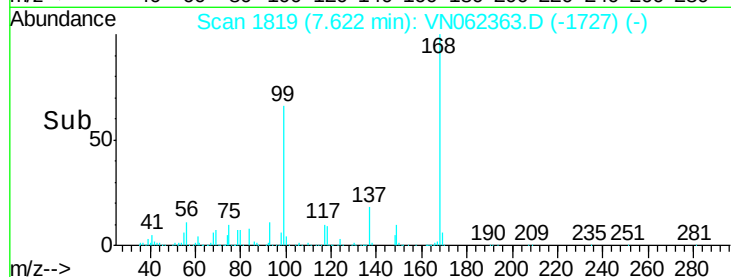
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.801 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062363.D

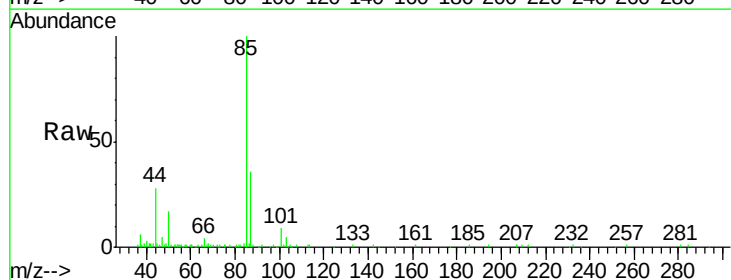
Acq: 6 Jul 2020 12:50

Tgt Ion: 85 Resp: 55972

Ion Ratio Lower Upper

85 100

87 35.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

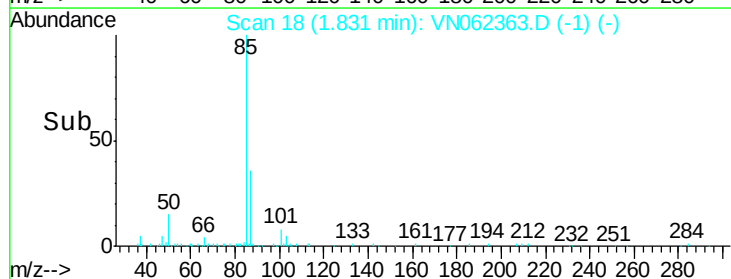
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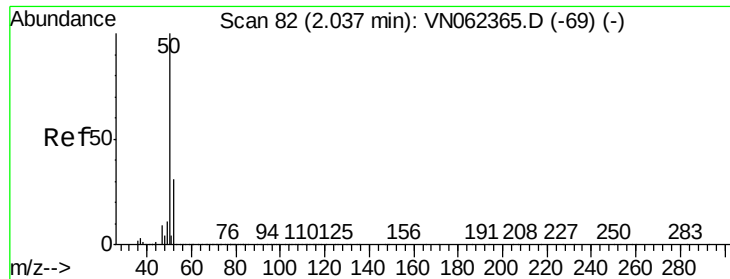
20000

10000

0

Time-->





#3

Chloromethane

Concen: 5.662 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 88448

Ion Ratio Lower Upper

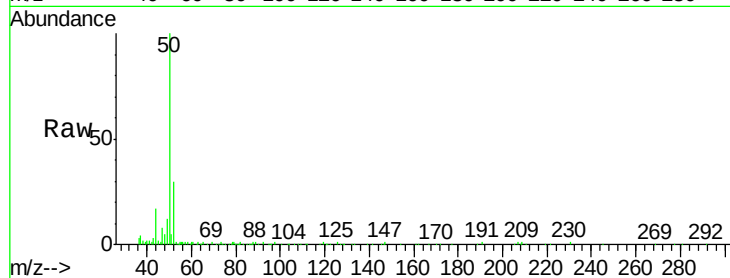
50 100

52 30.0 25.0 37.6

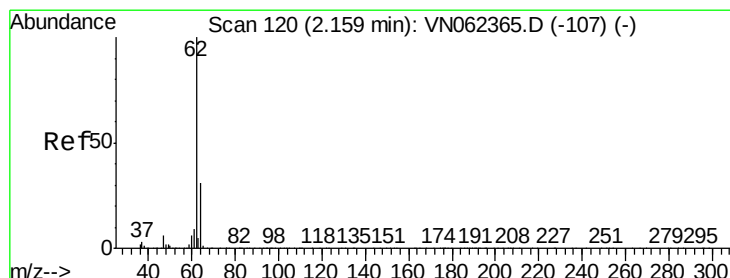
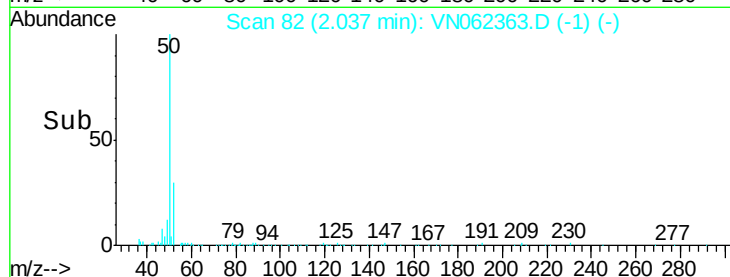
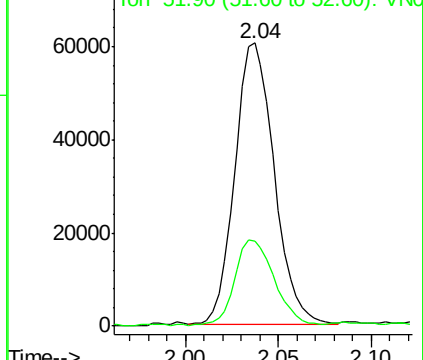
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Abundance Ion 49.90 (49.60 to 50.60): VN062363.D (-1) (-)



#4

Vinyl Chloride

Concen: 4.191 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062363.D

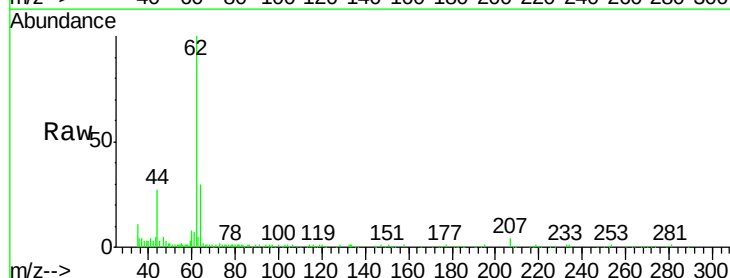
Acq: 6 Jul 2020 12:50

Tgt Ion: 62 Resp: 74305

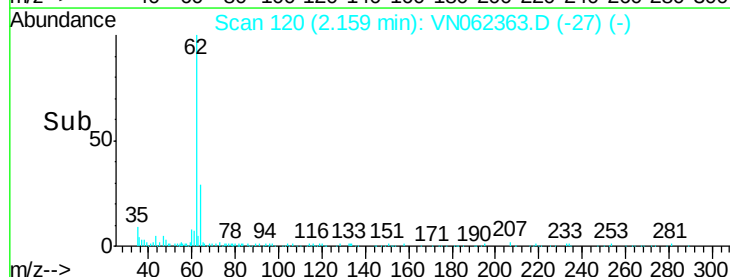
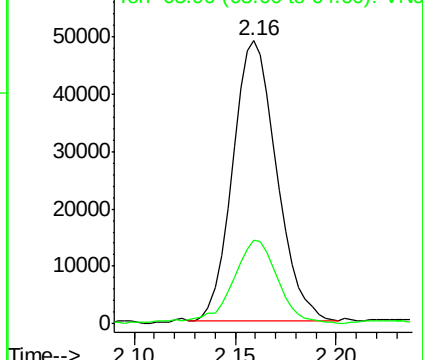
Ion Ratio Lower Upper

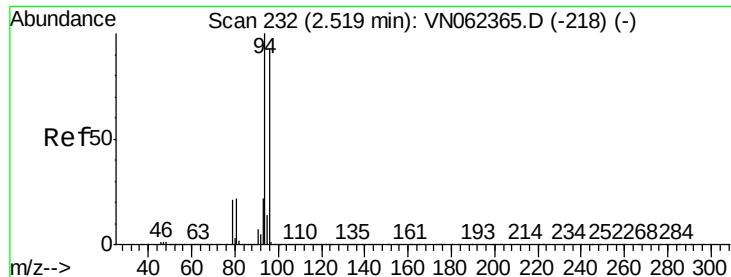
62 100

64 29.9 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VN062363.D (-27) (-)





#5

Bromomethane

Concen: 3.487 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 38714

Ion Ratio Lower Upper

94 100

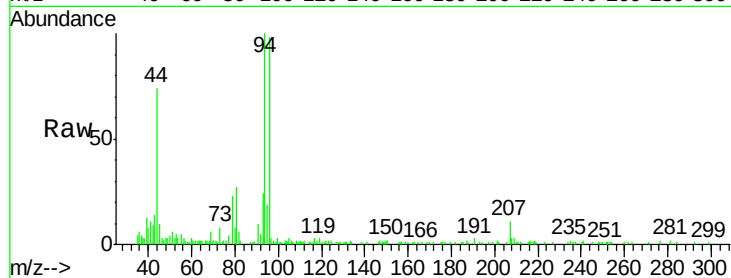
96 95.4 74.7 112.1

Manual Integrations

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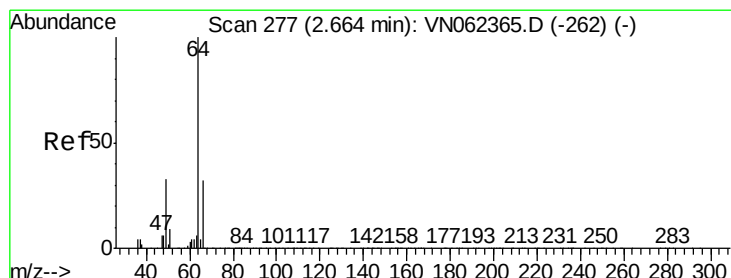
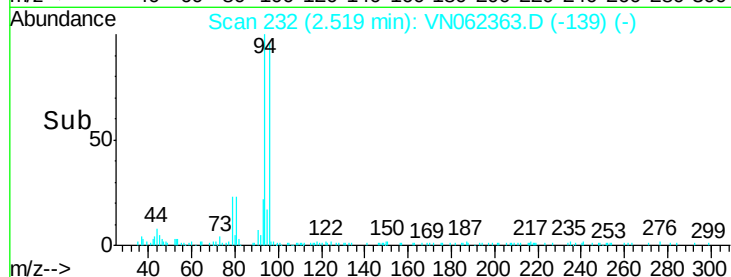
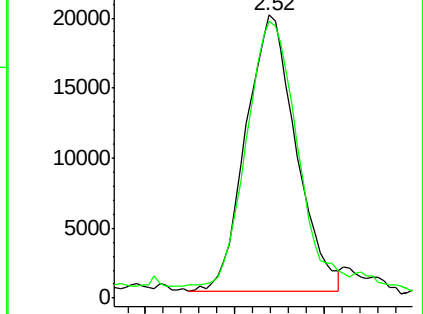
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 4.039 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062363.D

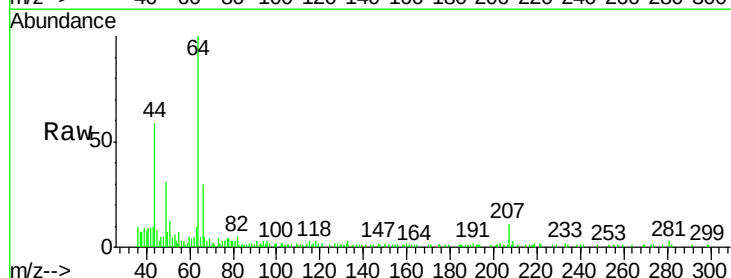
Acq: 6 Jul 2020 12:50

Tgt Ion: 64 Resp: 47813

Ion Ratio Lower Upper

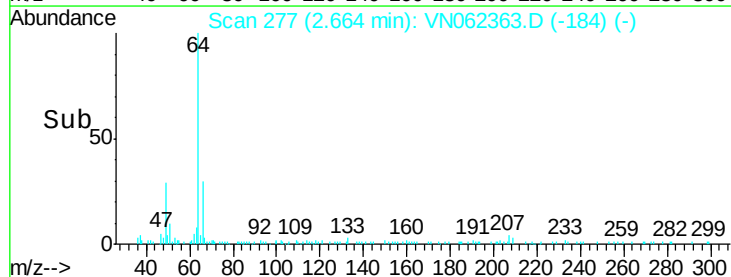
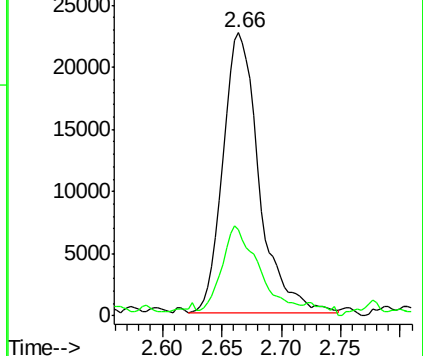
64 100

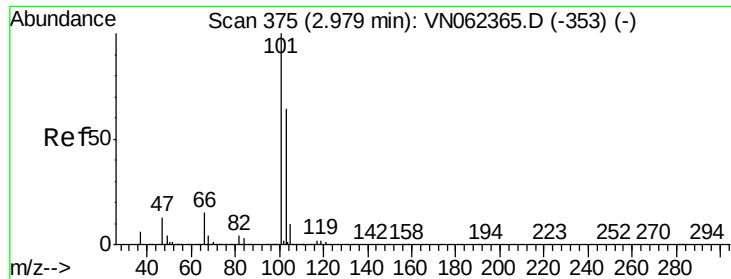
66 30.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

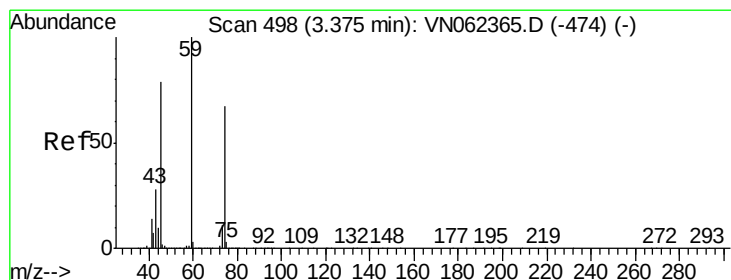
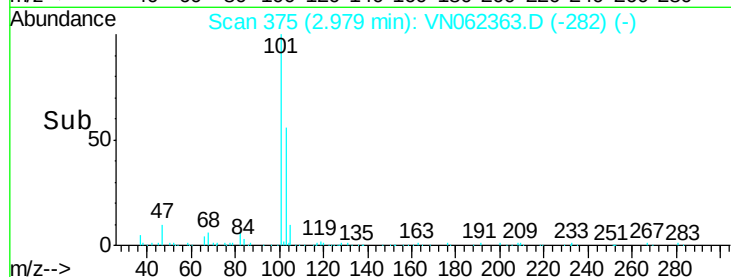
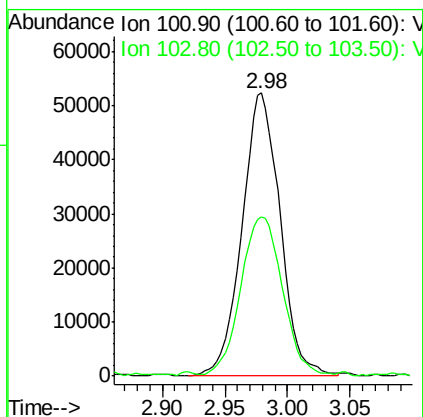
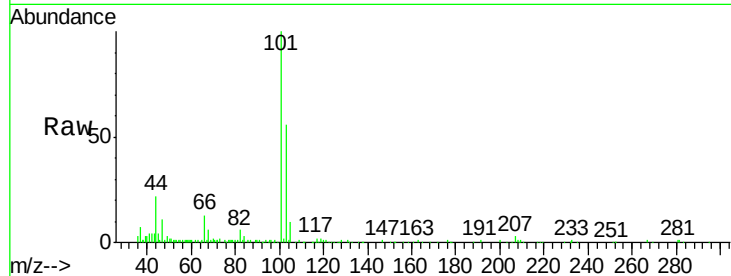
Trichlorofluoromethane
Concen: 4.907 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	55.2	51.0	76.6

Manual Integrations
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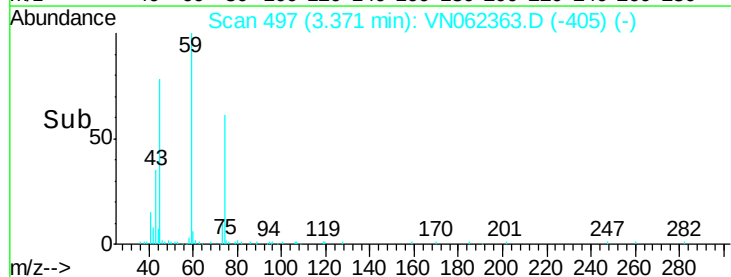
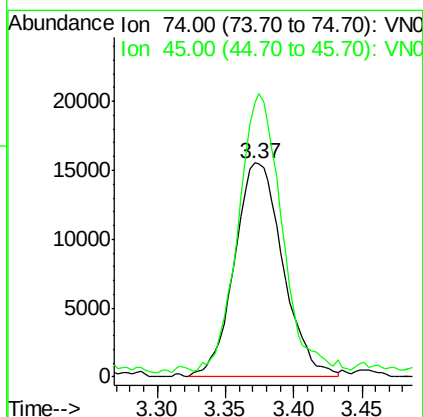
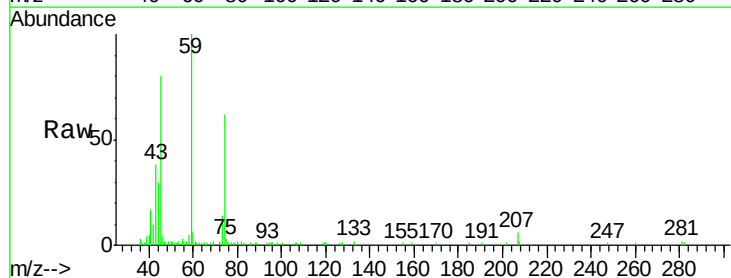
MMDadoda
7/7/2020 10:08:21 AM

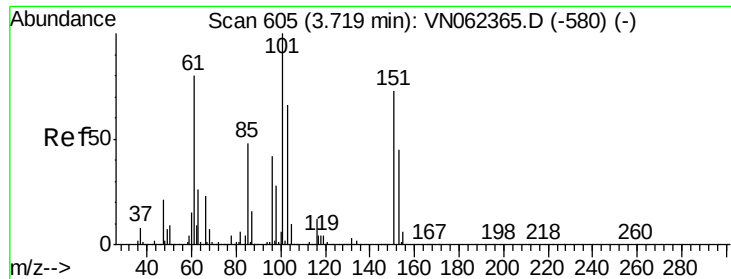


#8

Diethyl Ether
Concen: 4.875 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	114.1	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.900 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

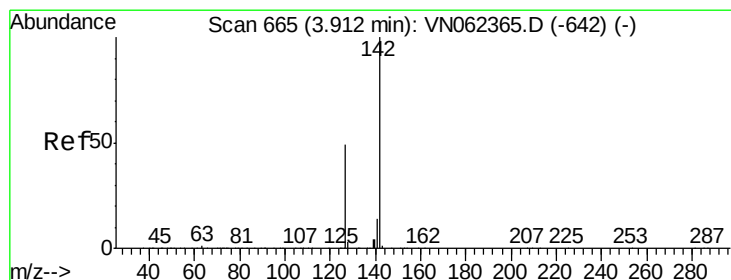
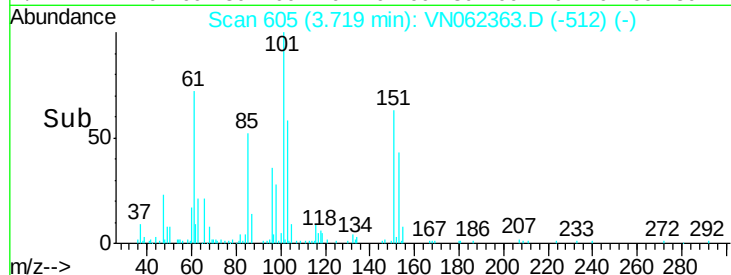
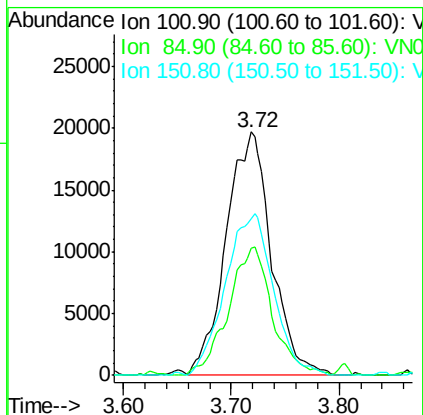
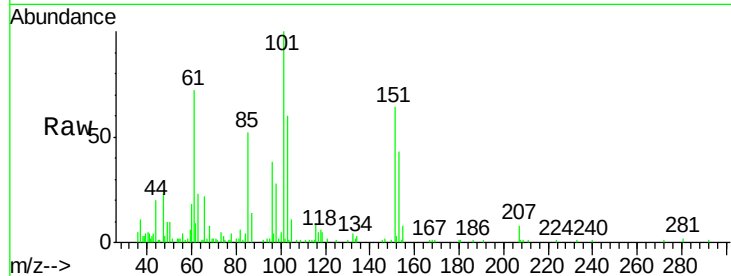
VSTDIC005

Tot Ion:	101	Resp:	57447
Ion Ratio	Lower	Upper	
101	100		
85	51.3	38.6	57.8
151	70.7	58.3	87.5

Manual Integrations
APPROVED

MMDadoda

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#10

Methyl Iodide

Concen: 4.485 ug/l

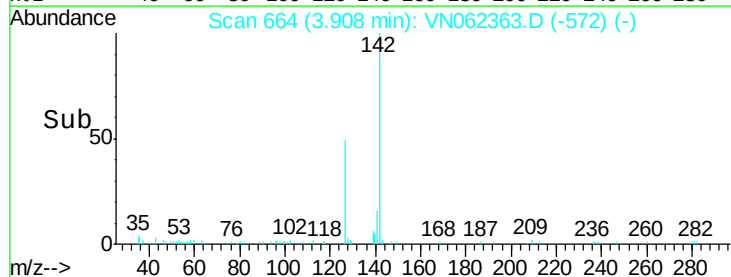
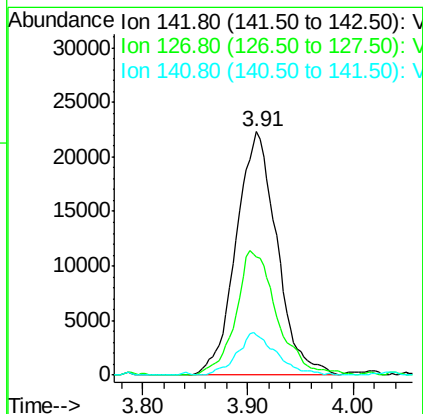
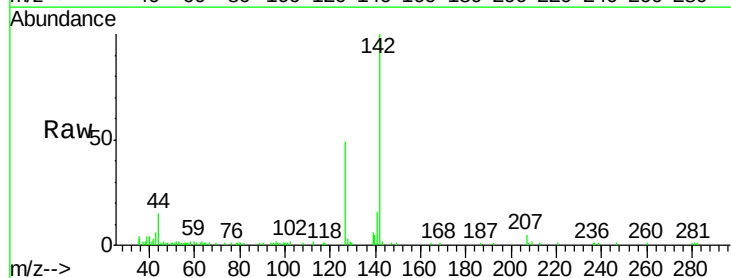
RT: 3.91 min Scan# 664

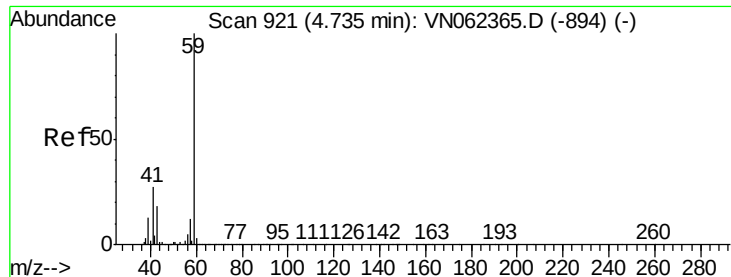
Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Tgt Ion:	142	Resp:	60007
Ion Ratio	Lower	Upper	
142	100		
127	51.5	41.0	61.6
141	16.1	11.8	17.8





#11

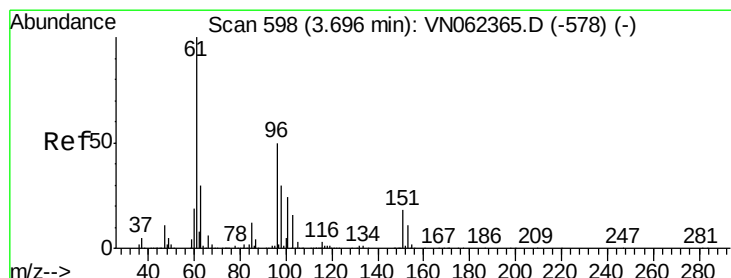
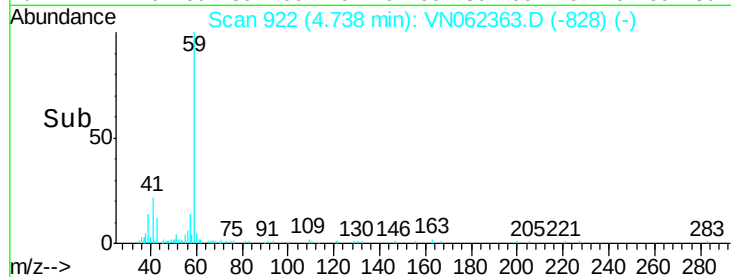
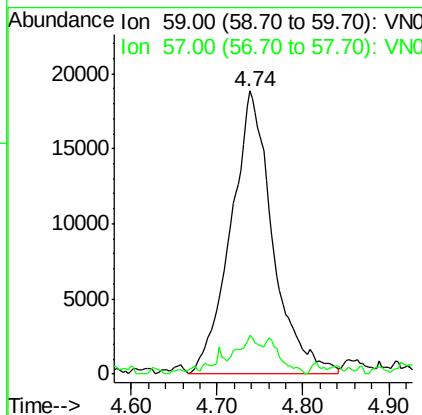
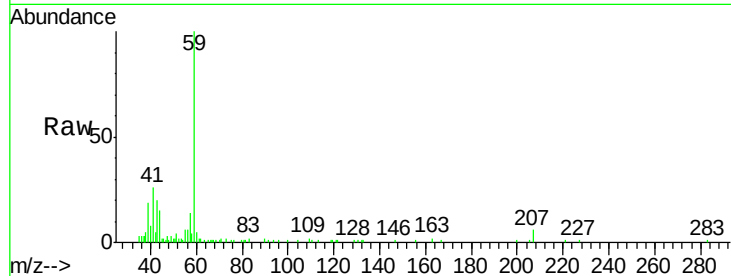
Tert butyl alcohol
Concen: 28.862 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.5	8.5	12.7#

Manual Integrations
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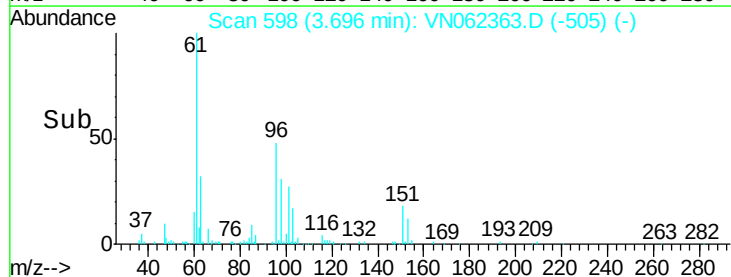
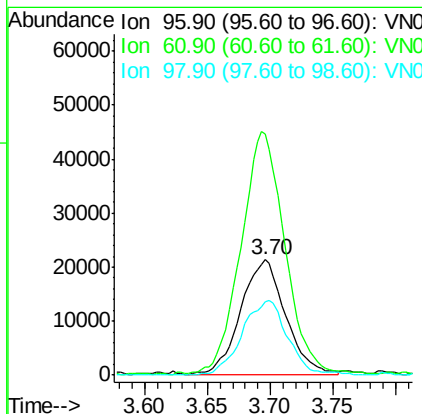
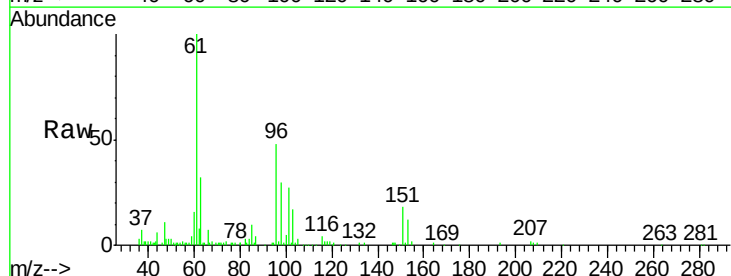
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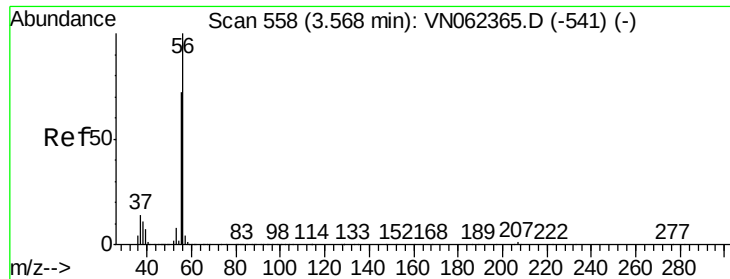


#12

1,1-Dichloroethene
Concen: 4.516 ug/l
RT: 3.70 min Scan# 598
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	210.1	161.4	242.0
98	64.4	48.8	73.2





#13

Acrolein

Concen: 20.532 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 37910

Ion Ratio Lower Upper

56 100

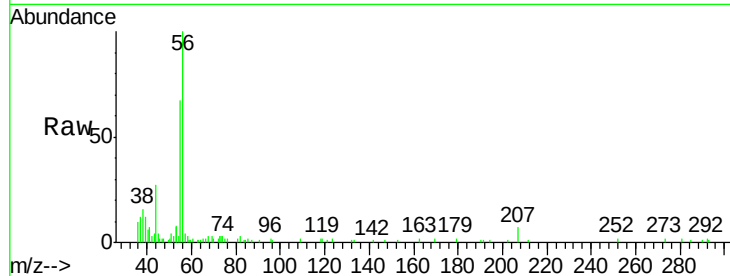
55 56.8 59.6 89.4#

Manual Integrations

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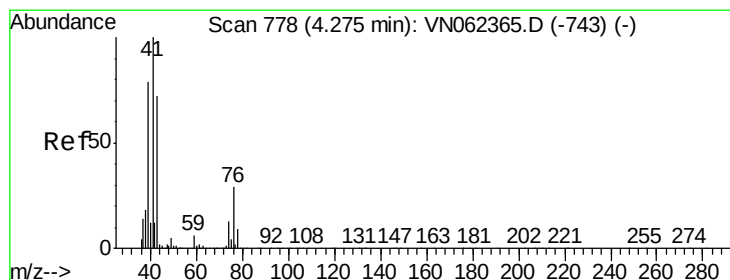
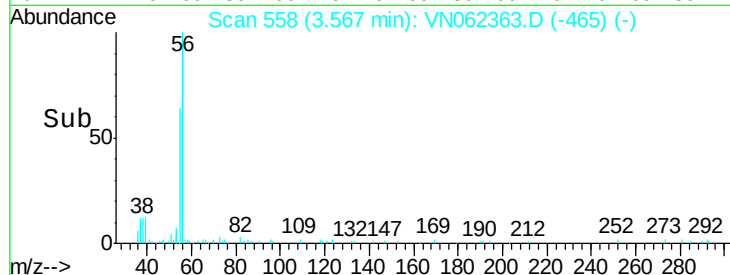
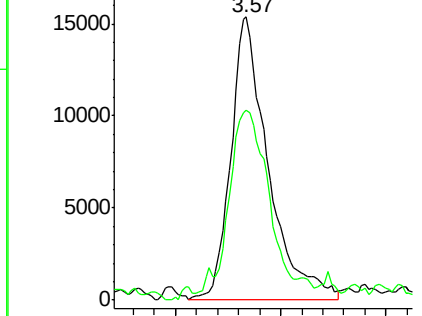
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 7.160 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

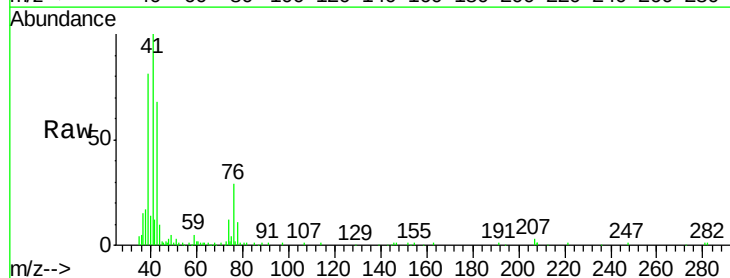
Tgt Ion: 41 Resp: 126694

Ion Ratio Lower Upper

41 100

39 77.0 59.8 89.6

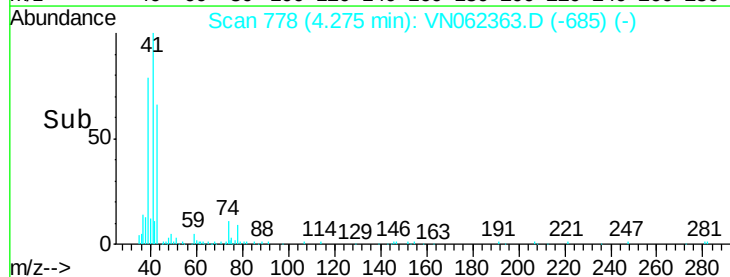
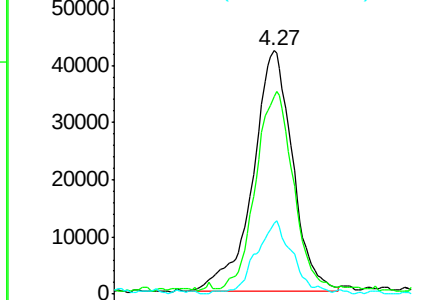
76 25.9 20.7 31.1

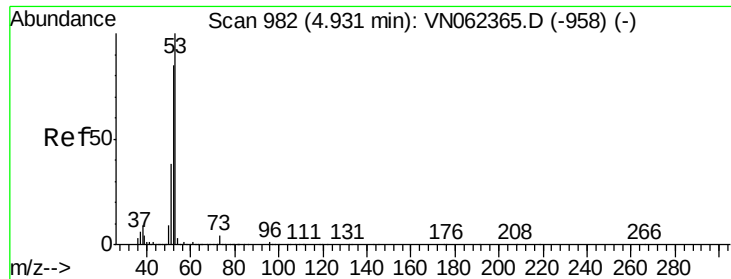


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 27.839 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

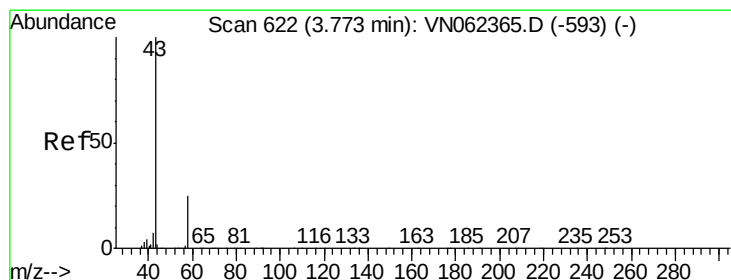
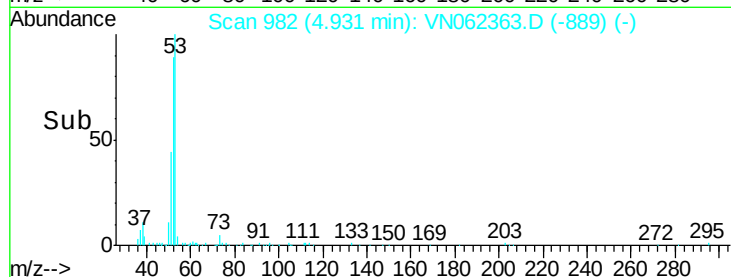
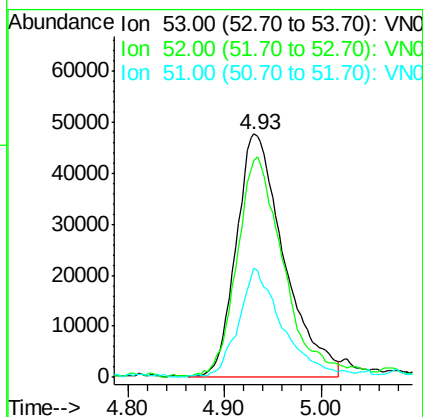
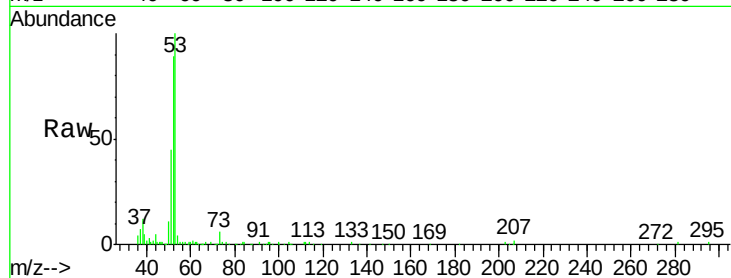
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	163764
Ion	Ratio	Lower	Upper
53	100		
52	86.8	67.6	101.4
51	39.2	30.6	45.8

Manual Integrations
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#16

Acetone

Concen: 36.884 ug/l

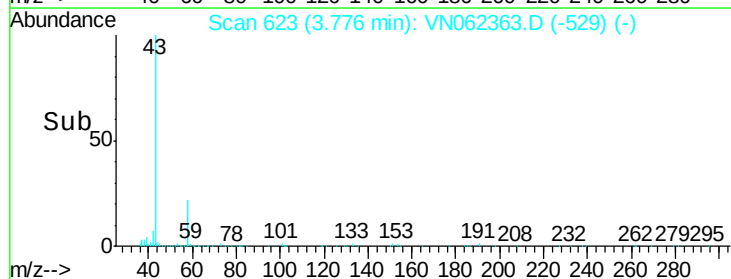
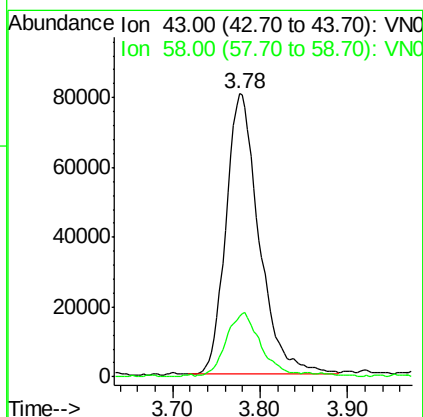
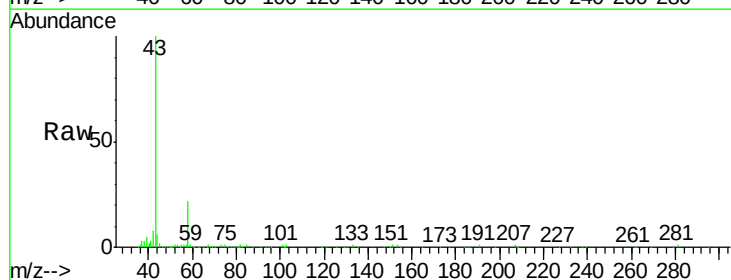
RT: 3.78 min Scan# 623

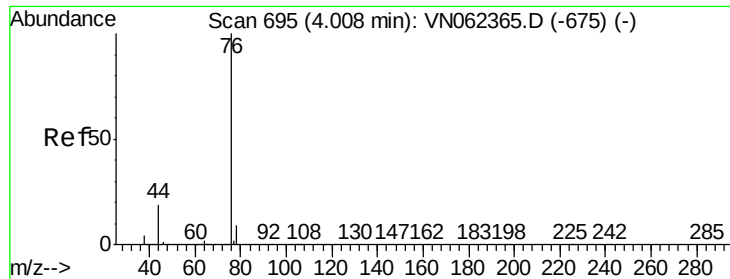
Delta R.T. 0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Tgt Ion:	43	Resp:	210991
Ion	Ratio	Lower	Upper
43	100		
58	21.1	19.8	29.8





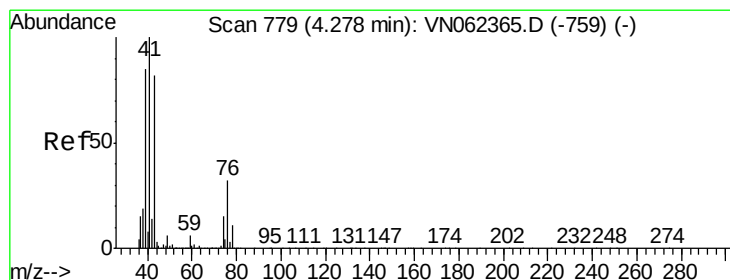
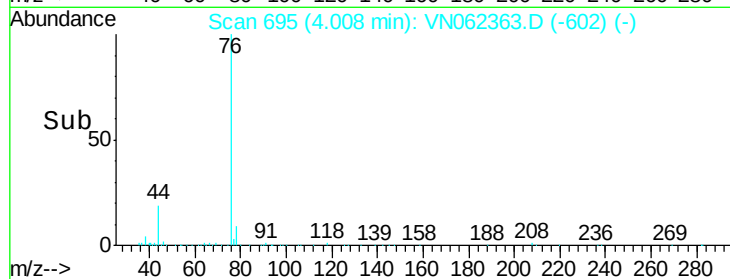
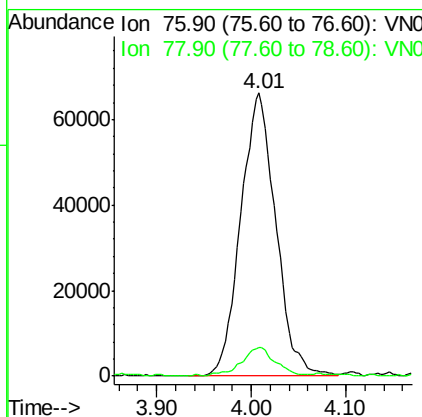
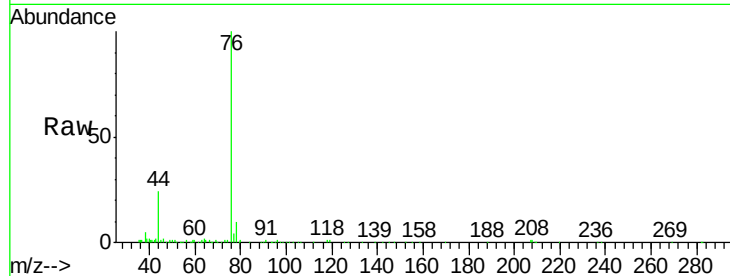
#17
Carbon Disulfide
Concen: 4.591 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.3	6.9	10.3

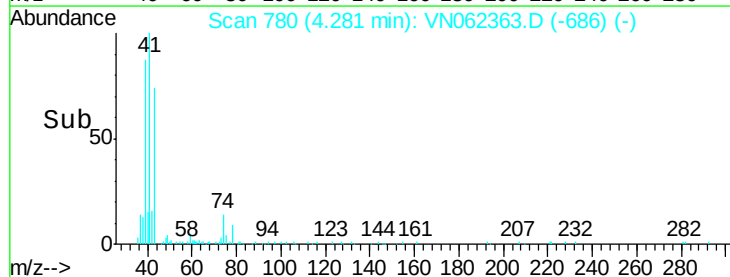
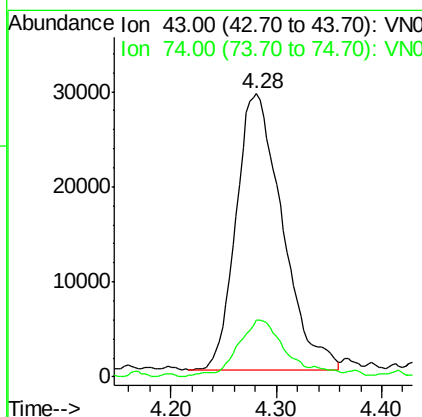
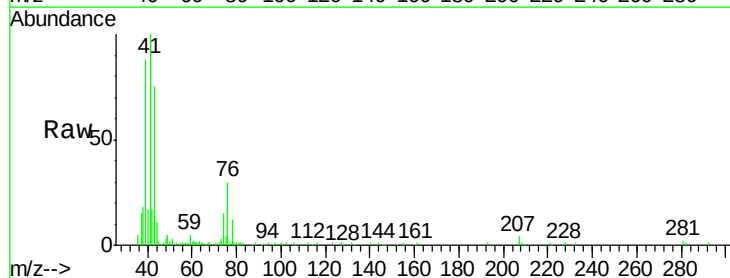
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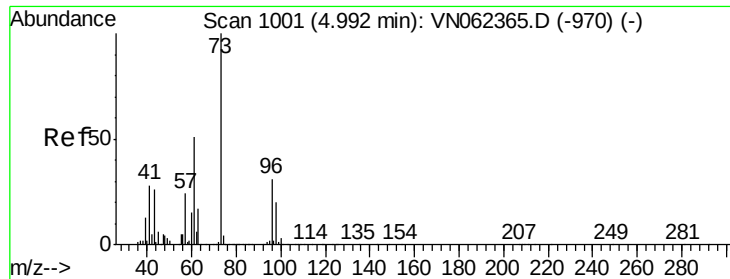
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#18
Methyl Acetate
Concen: 6.999 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	17.3	14.2	21.4





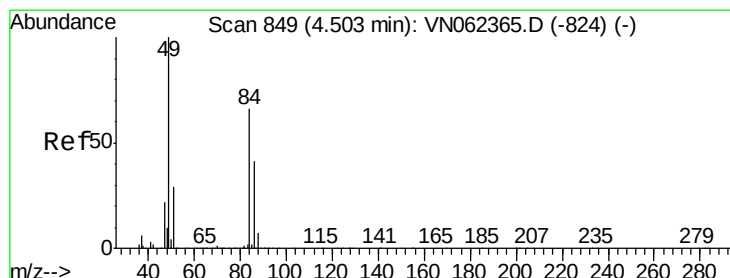
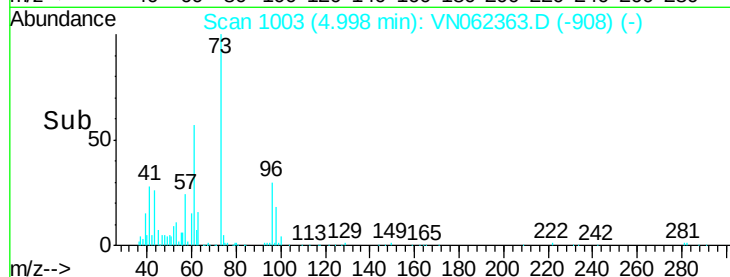
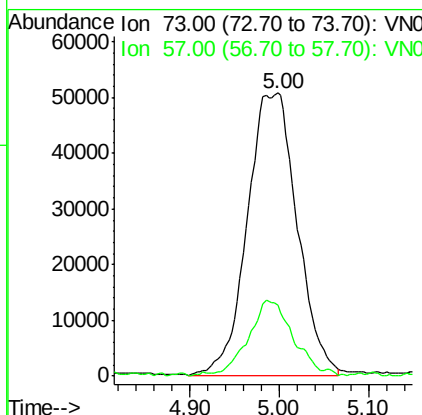
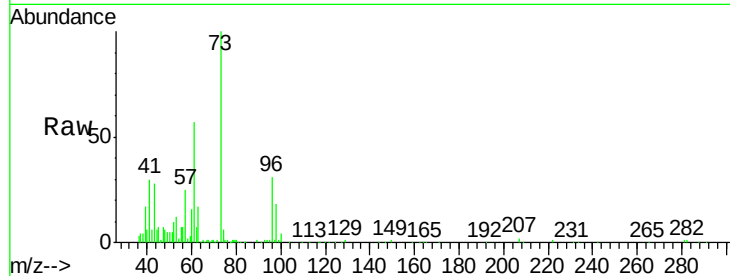
#19
Methyl tert-butyl Ether
Concen: 5.145 ug/l m
RT: 5.00 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.9	18.9	28.3

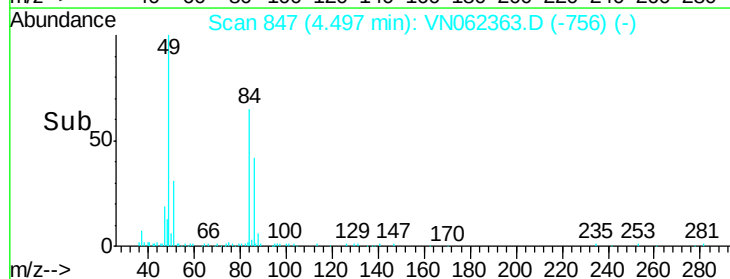
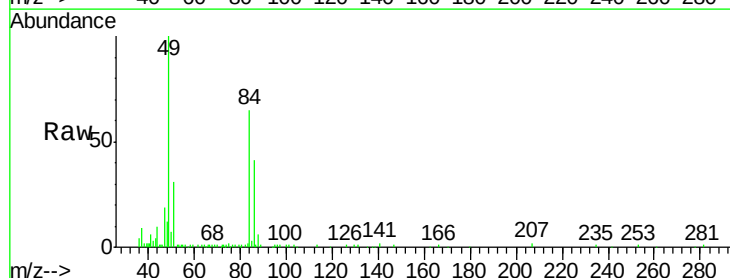
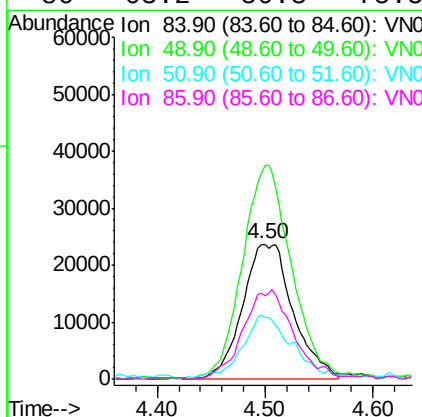
Manual Integrations
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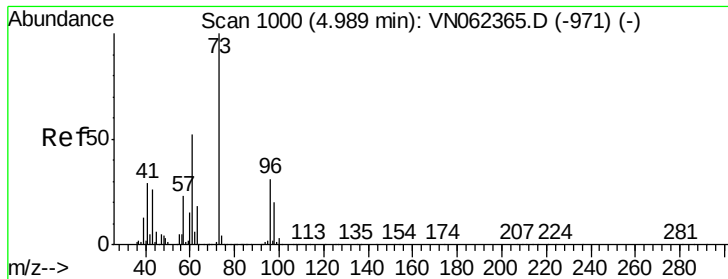
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#20
Methylene Chloride
Concen: 5.349 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	153.2	121.8	182.6
51	46.0	35.0	52.4
86	63.2	50.3	75.5





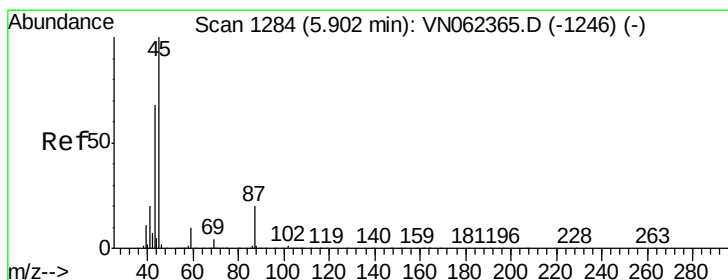
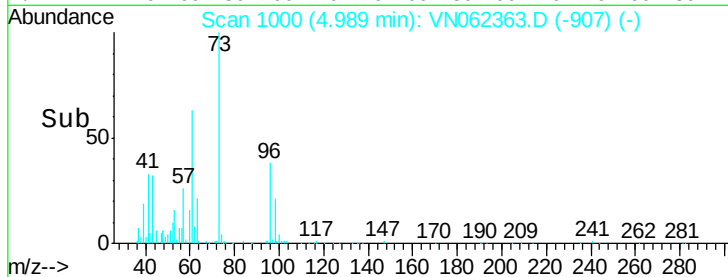
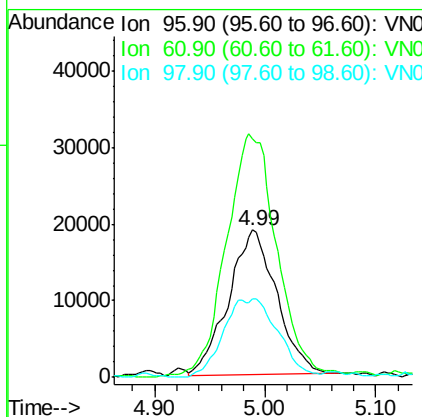
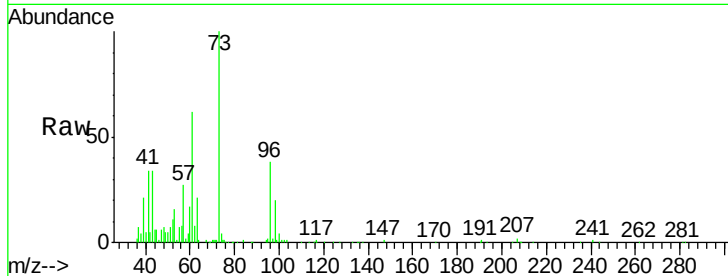
#21
trans-1,2-Dichloroethene
Concen: 4.363 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.4	134.7	202.1
98	54.4	52.2	78.4

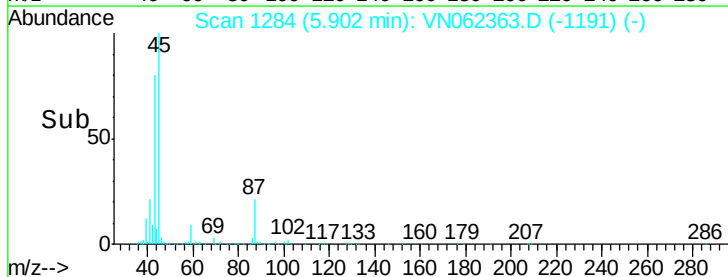
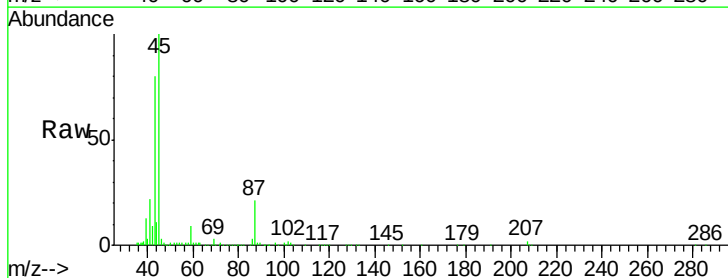
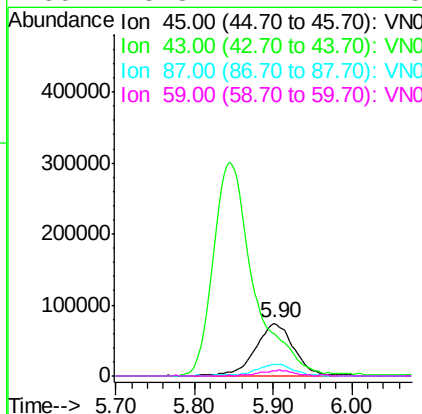
Manual Integrations
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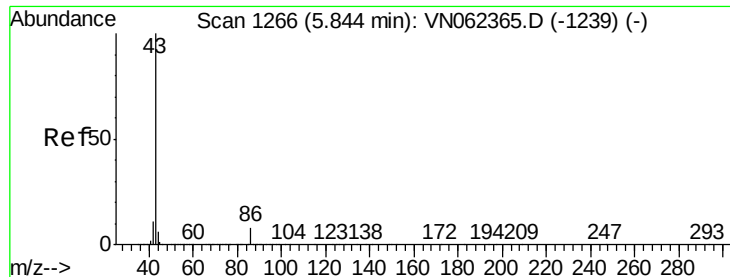
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#22
Diisopropyl ether
Concen: 6.396 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	76.1	54.6	81.8
87	20.3	16.6	24.8
59	8.8	7.7	11.5





#23

Vinyl Acetate

Concen: 33.304 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 1069080

Ion Ratio Lower Upper

43 100

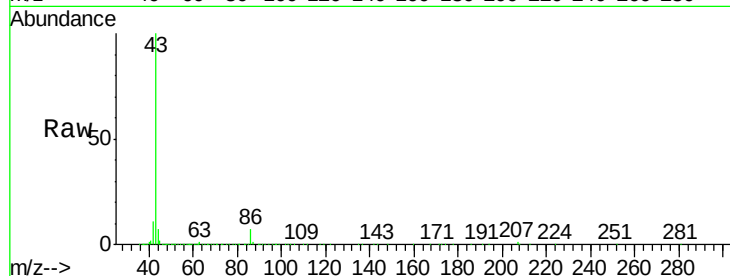
86 7.3 6.6 9.8

Manual Integrations

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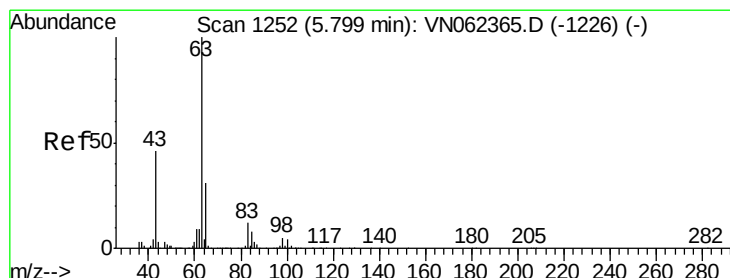
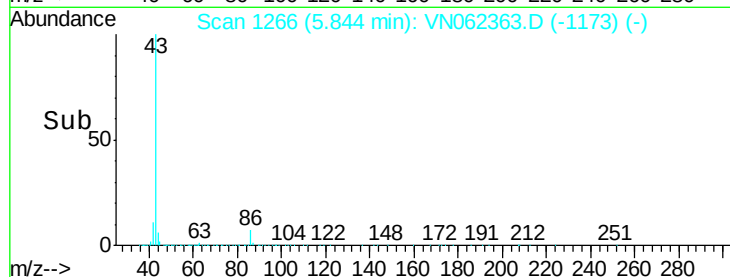
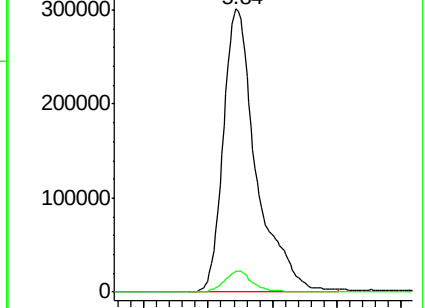
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 5.488 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

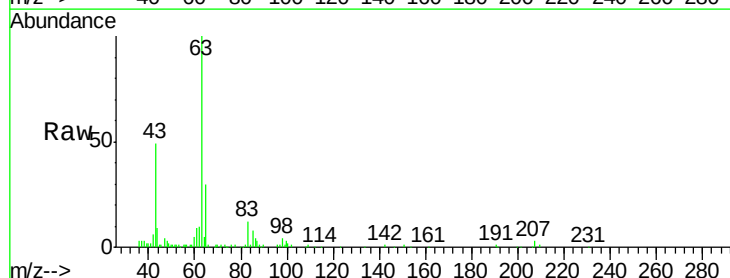
Tgt Ion: 63 Resp: 131995

Ion Ratio Lower Upper

63 100

98 3.4 2.6 7.8

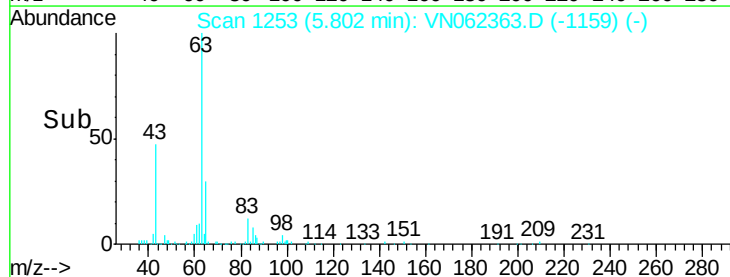
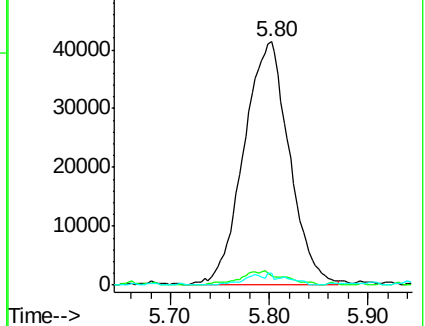
100 4.9 1.8 5.3

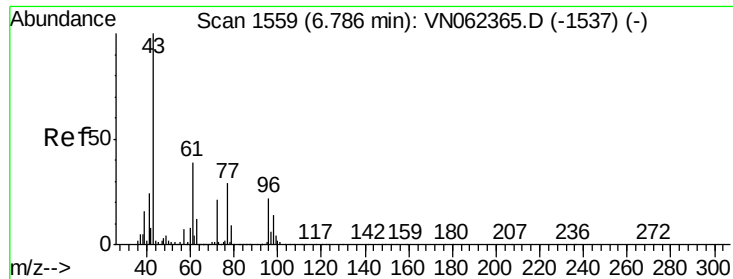


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





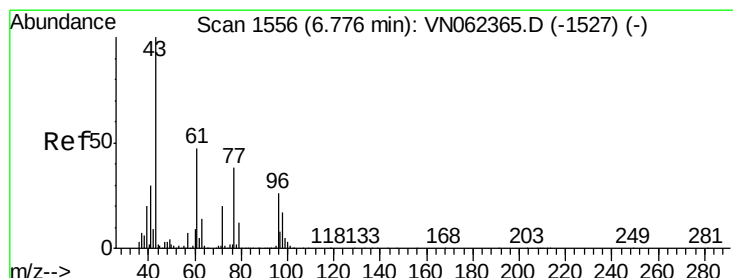
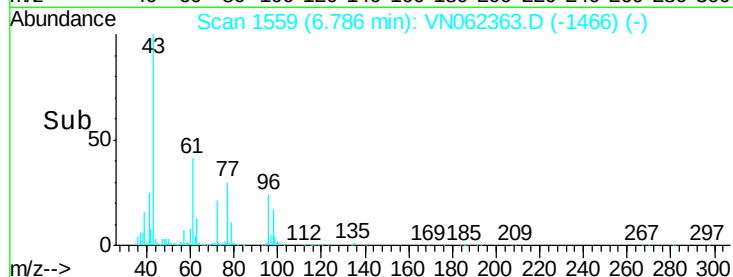
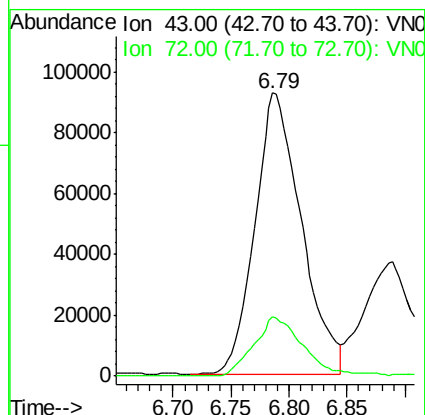
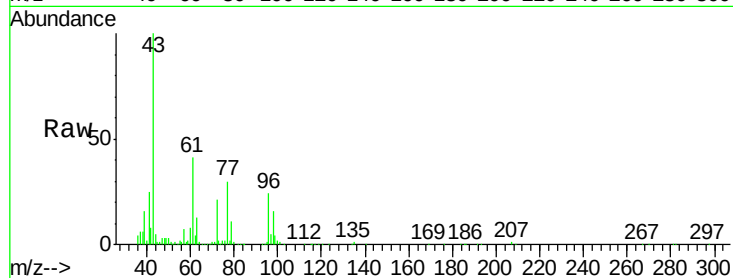
#25
2-Butanone
Concen: 33.391 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
72	21.2	16.4	24.6

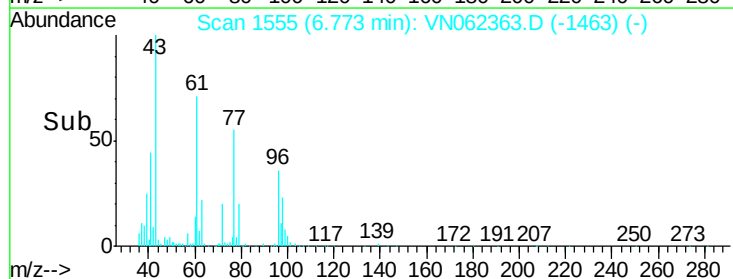
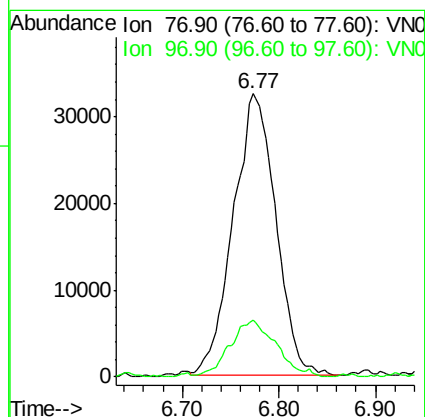
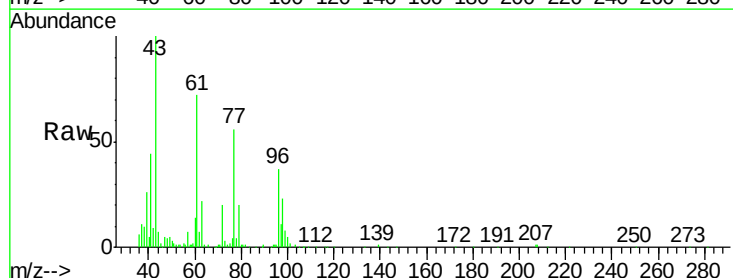
Manual Integrations
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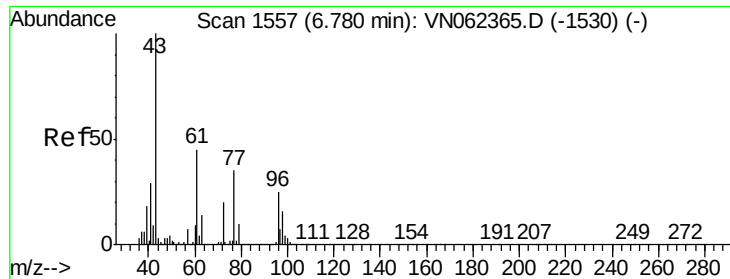
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7/7/2020 10:08:21 AM



#26
2,2-Dichloropropane
Concen: 5.017 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
77	100		
97	20.3	10.1	30.1





#27

cis-1,2-Dichloroethene

Concen: 4.236 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062363.D

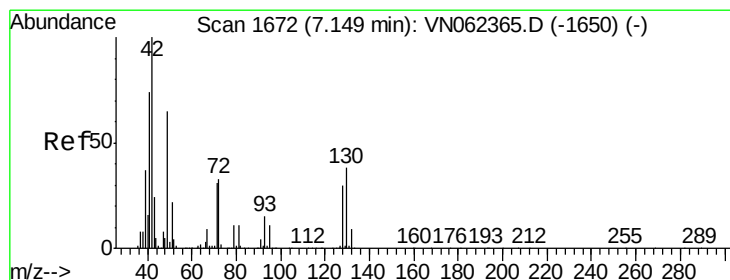
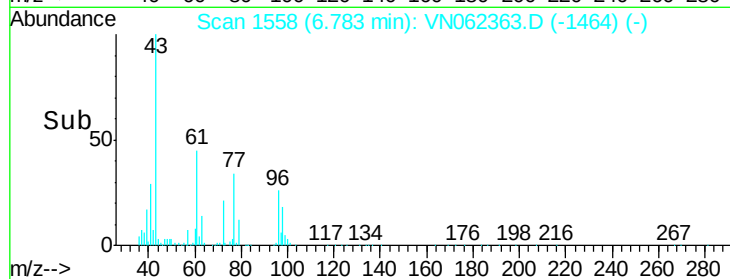
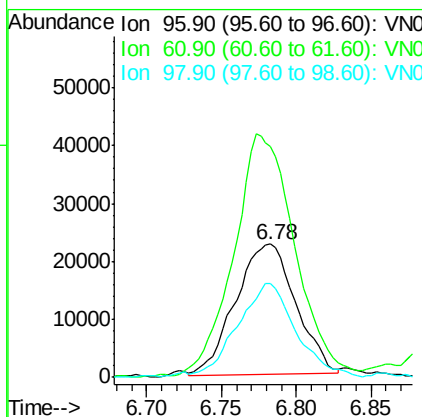
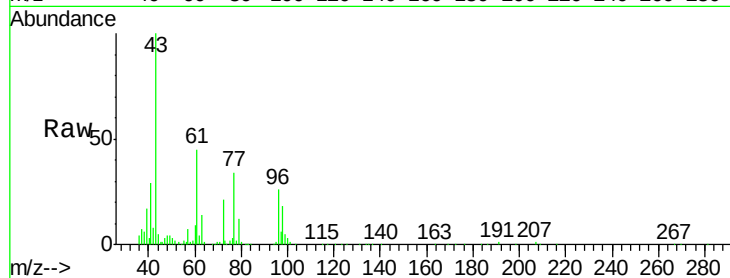
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	185.2	0.0	358.8
98	67.5	0.0	130.6

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#28

Bromochloromethane

Concen: 6.132 ug/l

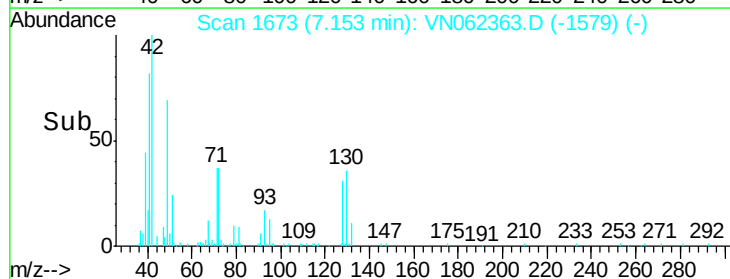
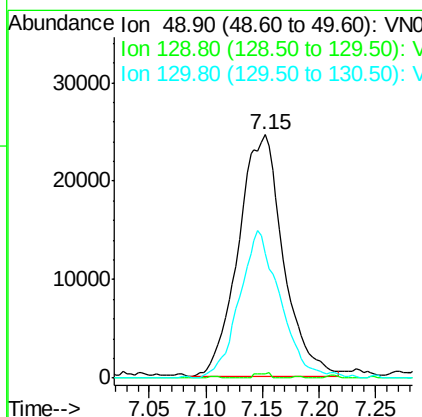
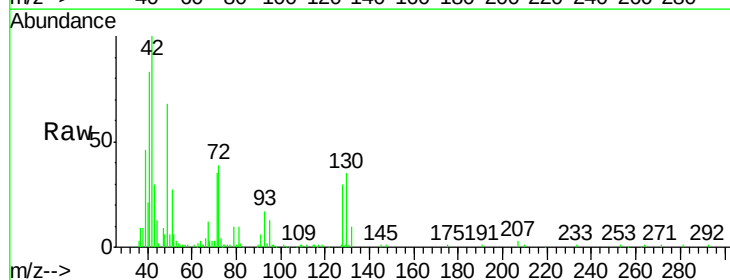
RT: 7.15 min Scan# 1673

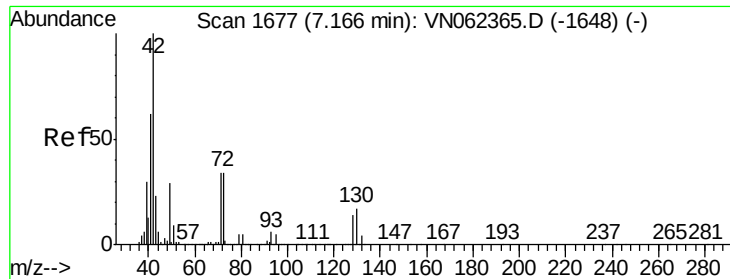
Delta R.T. 0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.6
130	56.0	45.8	68.8





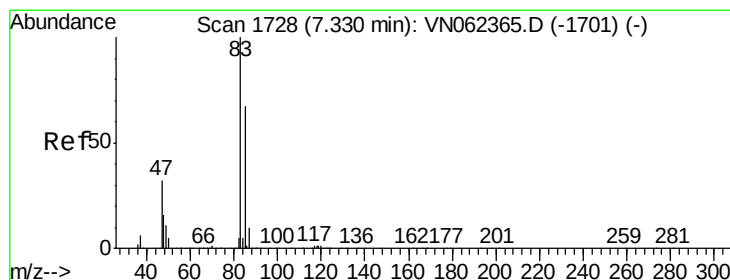
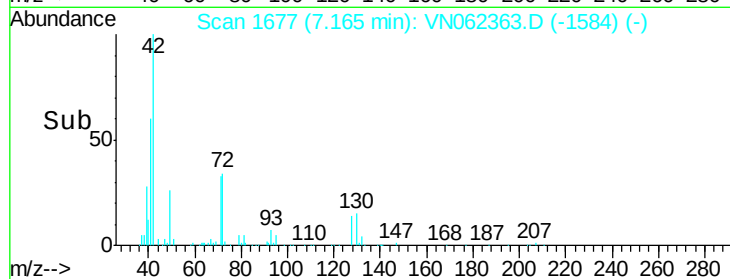
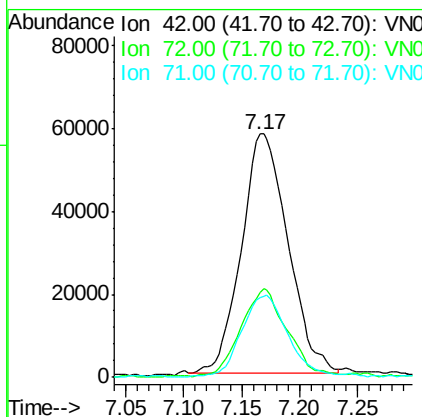
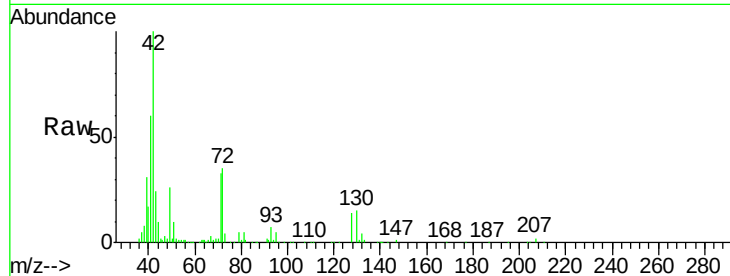
#29
Tetrahydrofuran
Concen: 32.066 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.9	26.8	40.2
71	34.0	26.0	39.0

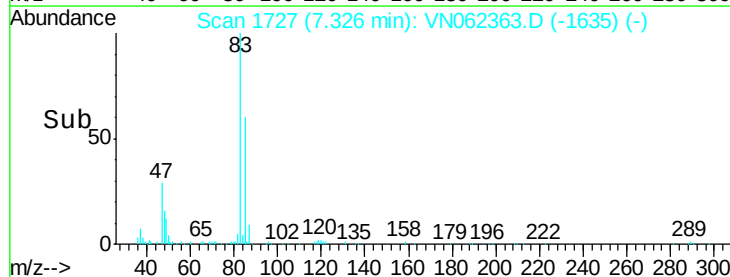
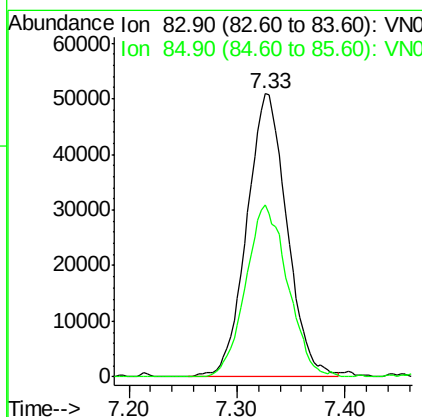
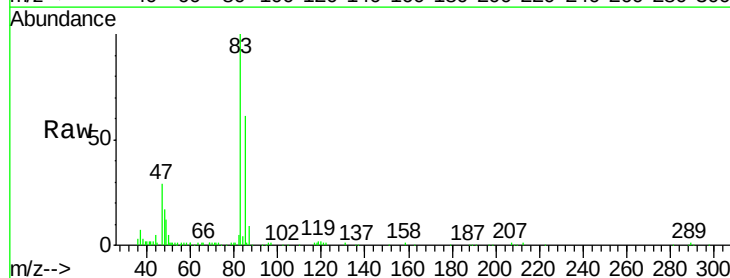
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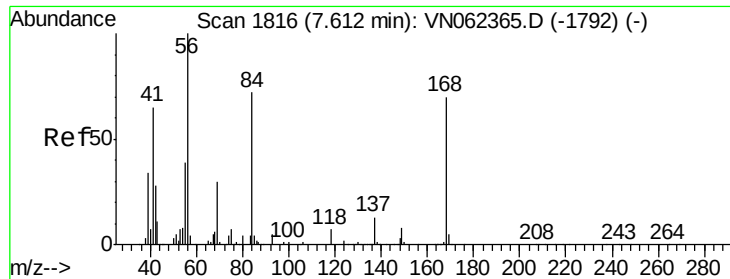
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#30
Chloroform
Concen: 5.446 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.6	53.6	80.4





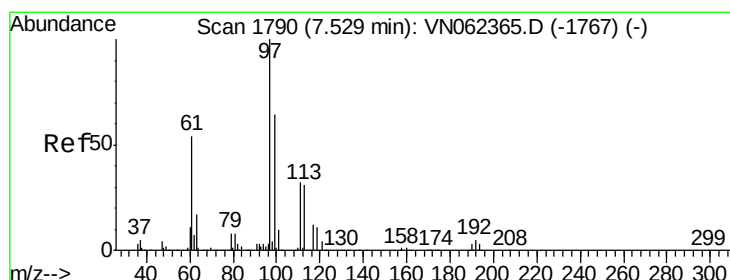
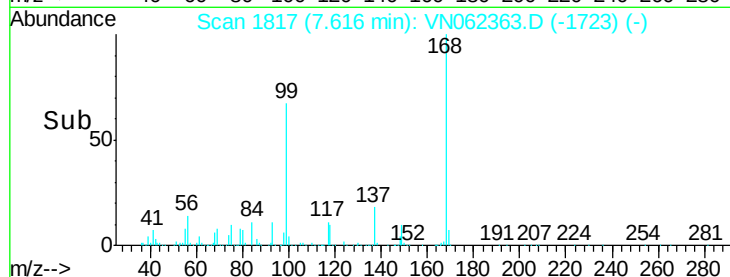
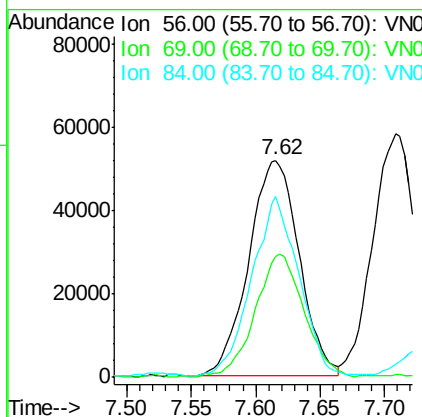
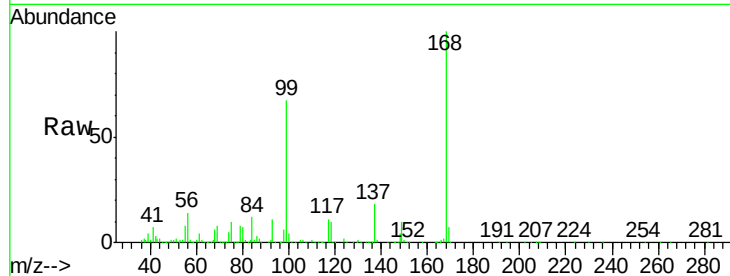
#31
Cyclohexane
Concen: 6.843 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	55.5	23.7	35.5#
84	83.0	57.2	85.8

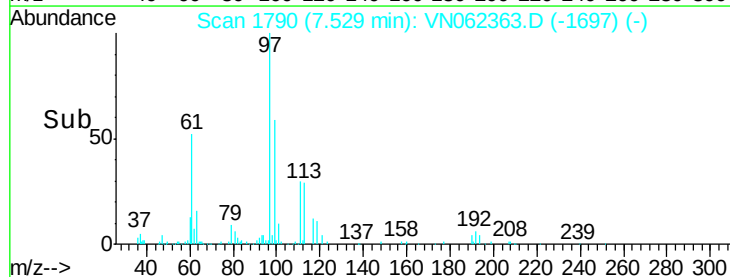
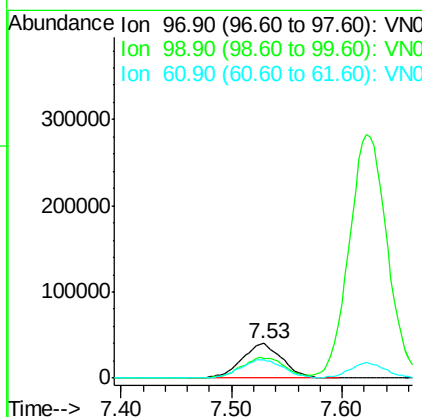
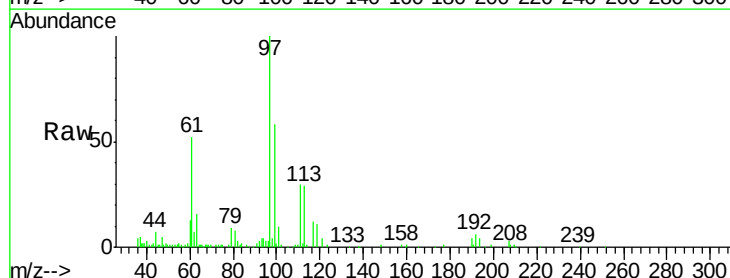
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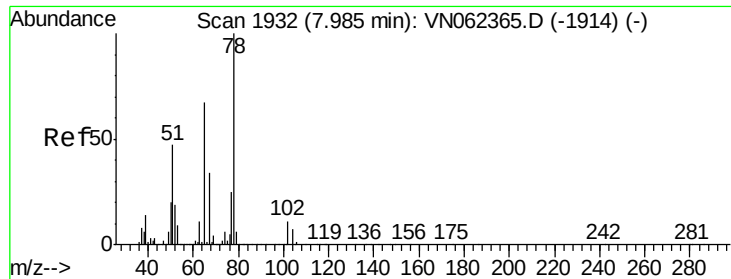
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#32
1,1,1-Trichloroethane
Concen: 4.950 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.1	76.7
61	57.2	42.5	63.7





#33

1,2-Dichloroethane-d4

Concen: 6.437 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

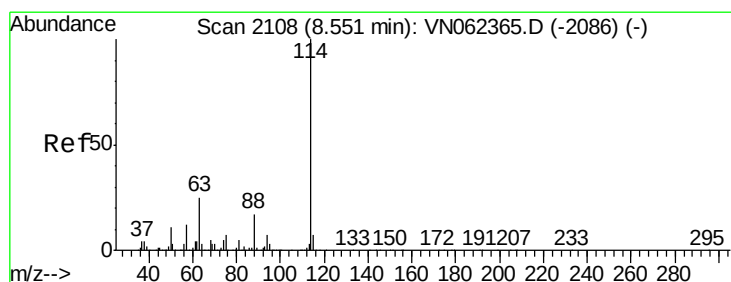
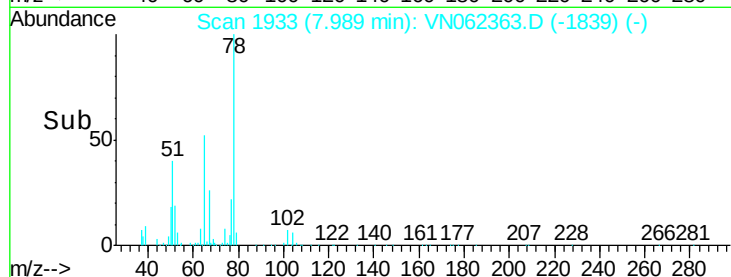
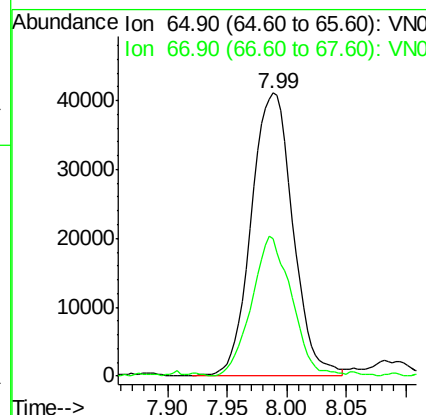
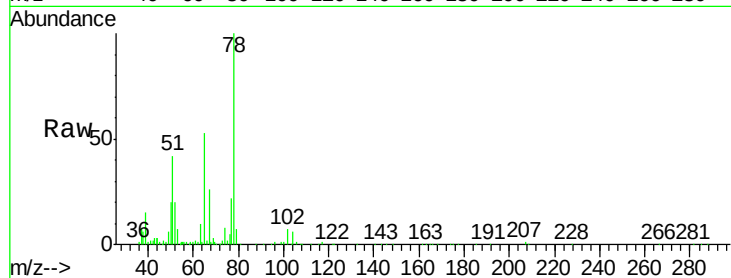
Instrument :
MSVOA_N

ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	47.5	0.0	101.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

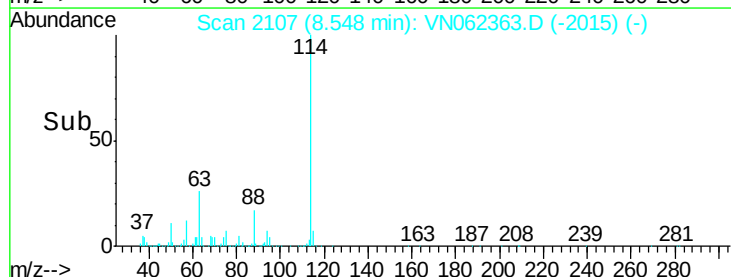
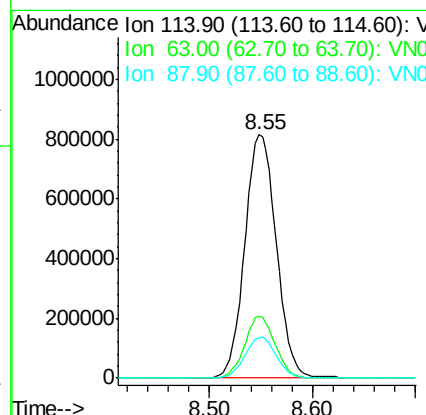
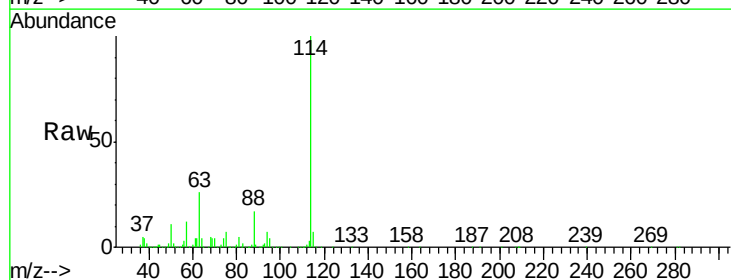
RT: 8.55 min Scan# 2107

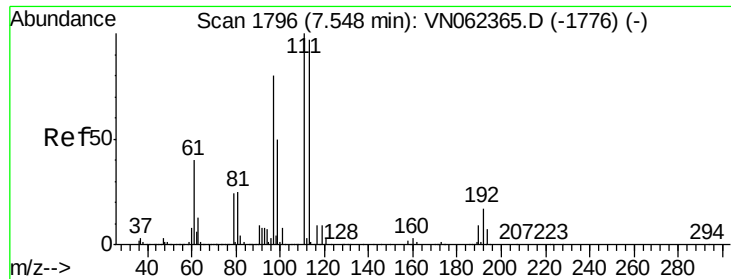
Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.7	0.0	49.0
88	16.7	0.0	34.0





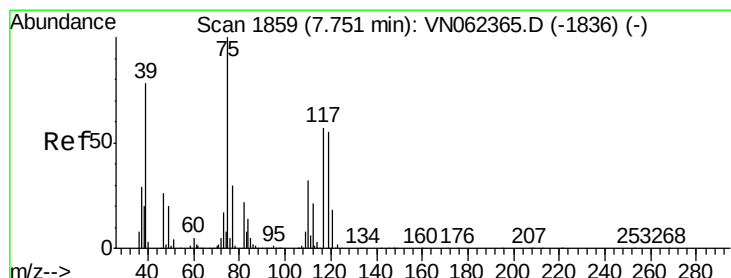
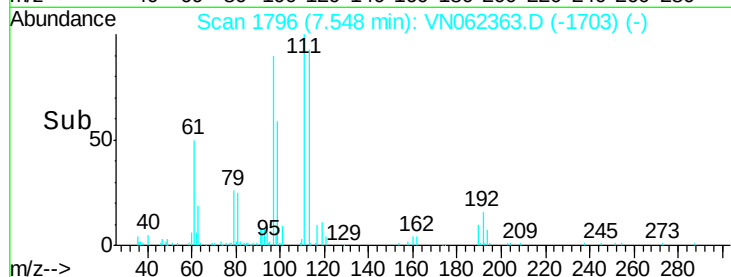
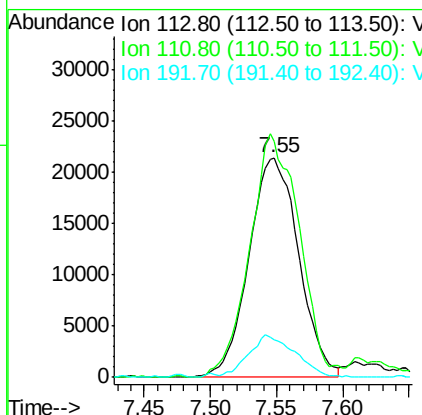
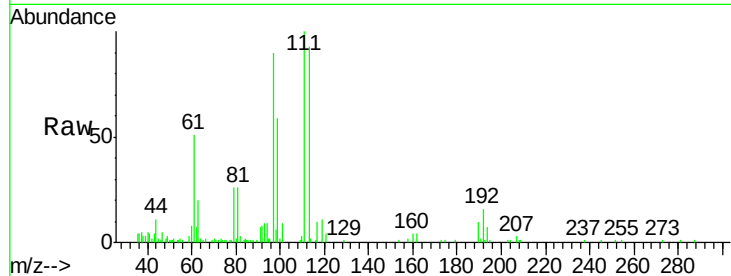
#35
 Dibromofluoromethane
 Concen: 4.887 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	110.3	83.2	124.8
192	18.1	14.2	21.2

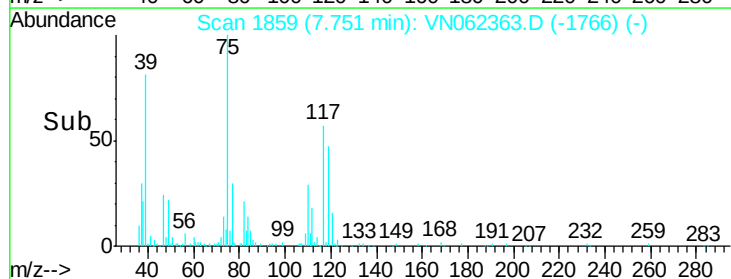
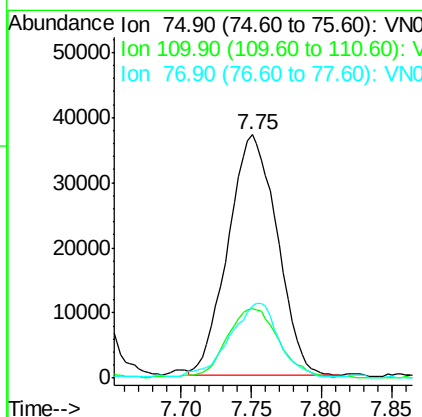
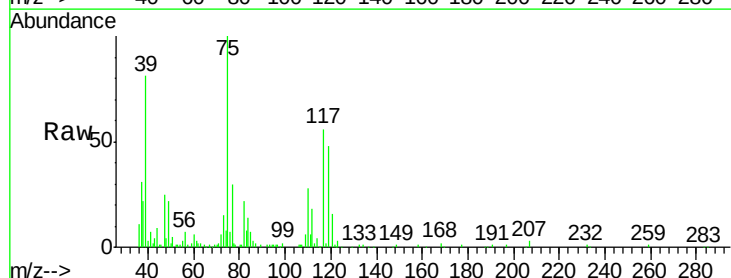
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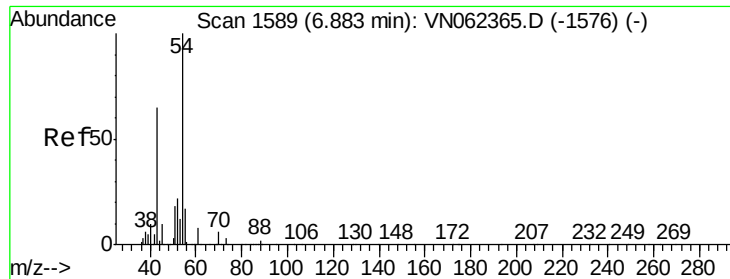
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#36
 1,1-Dichloropropene
 Concen: 5.117 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.7	15.7	47.1
77	30.1	24.3	36.5





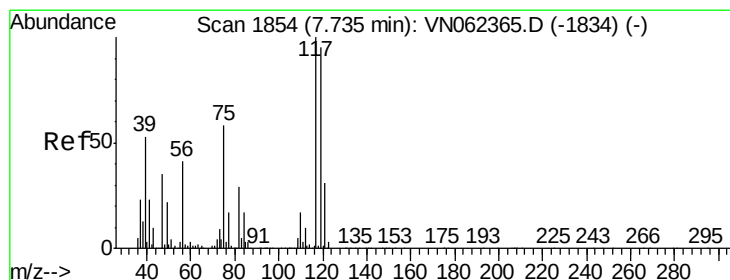
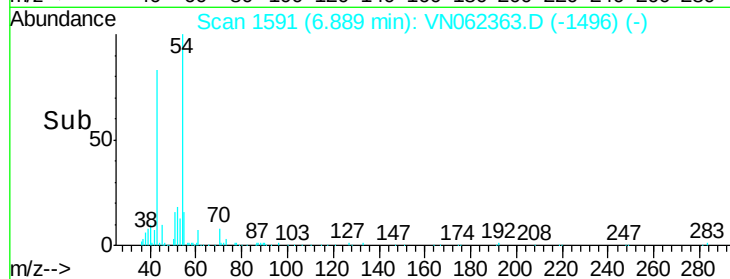
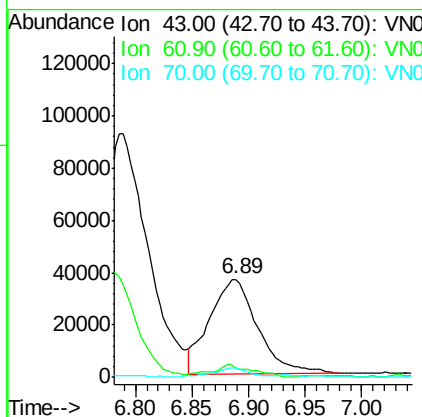
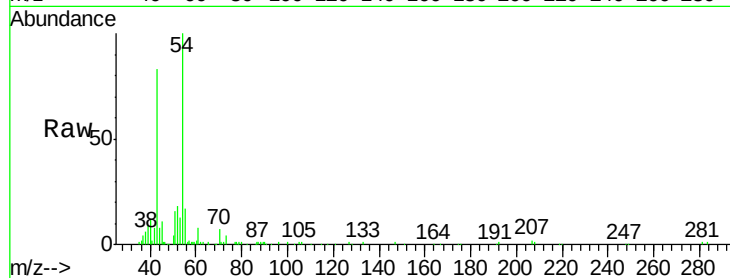
#37
Ethyl Acetate
Concen: 6.703 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. 0.01 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	8.7	8.8	13.2#
70	7.7	6.2	9.4

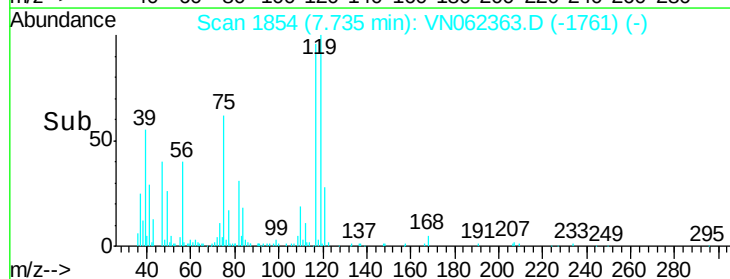
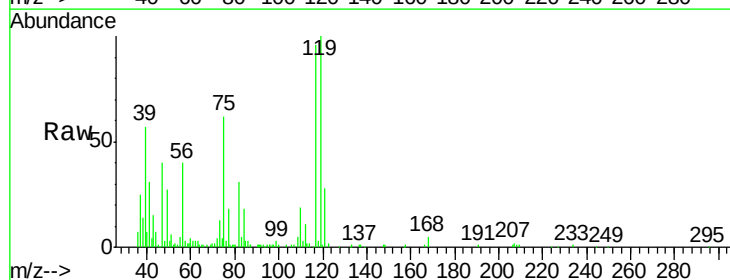
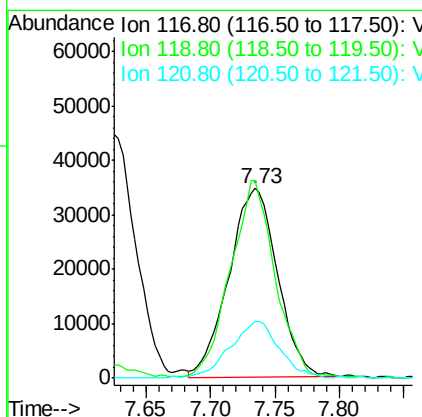
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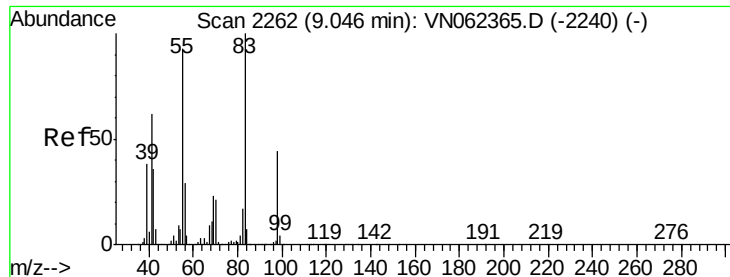
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#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.0	75.9	113.9
121	29.1	24.6	36.8





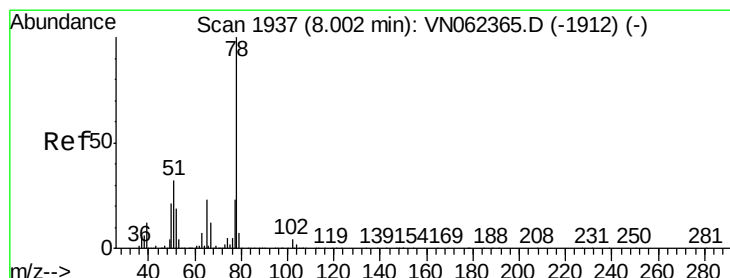
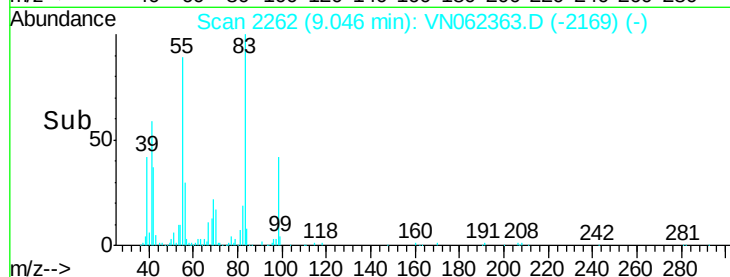
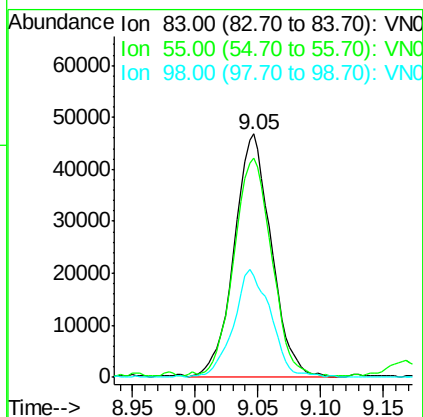
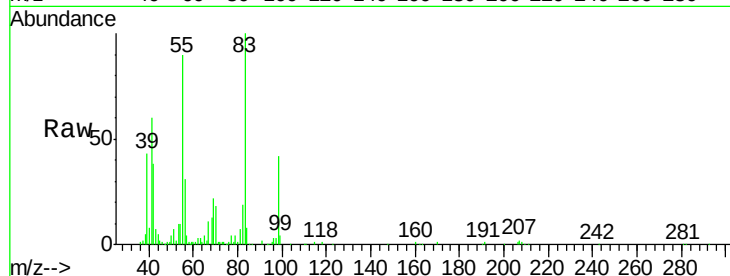
#39
Methylvlcyclohexane
Concen: 5.017 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.5	74.1	111.1
98	41.7	35.6	53.4

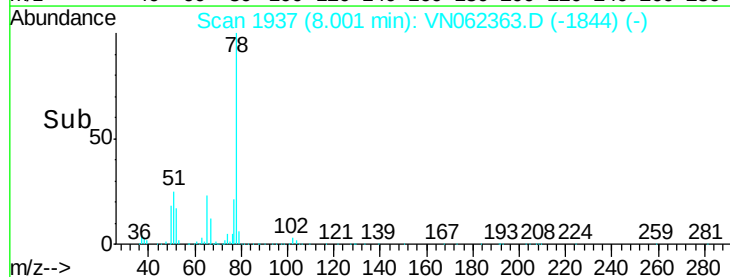
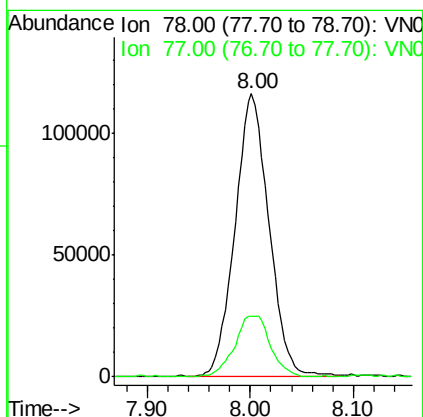
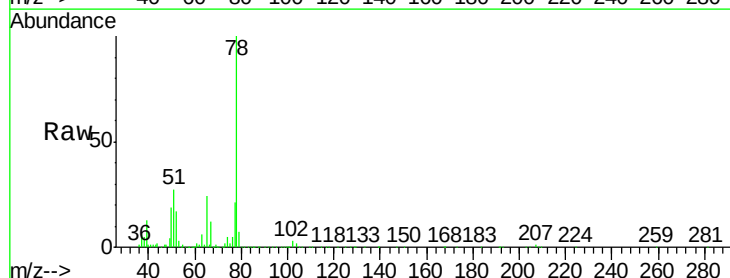
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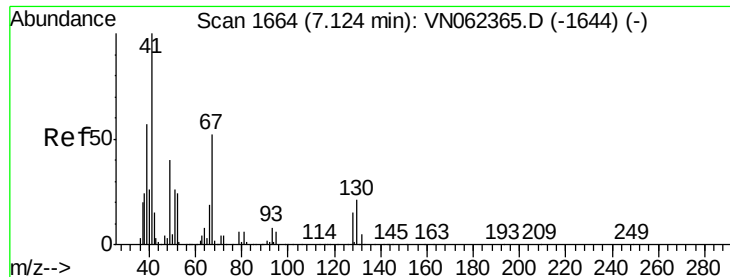
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#40
Benzene
Concen: 4.950 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.6	28.0





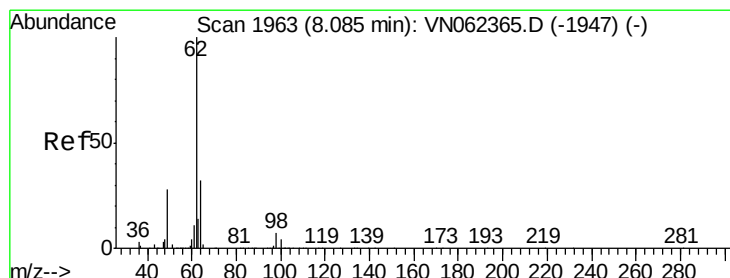
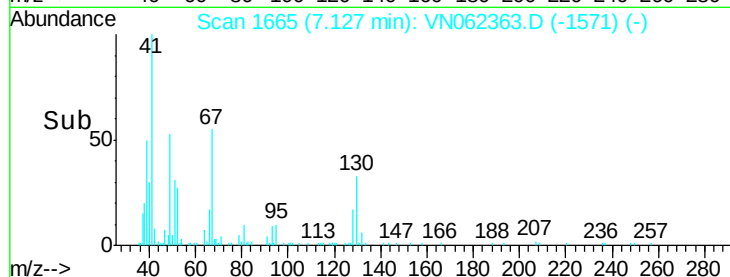
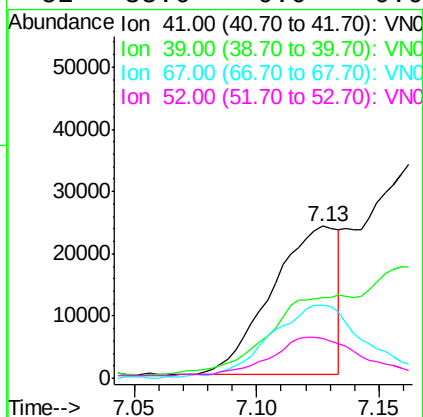
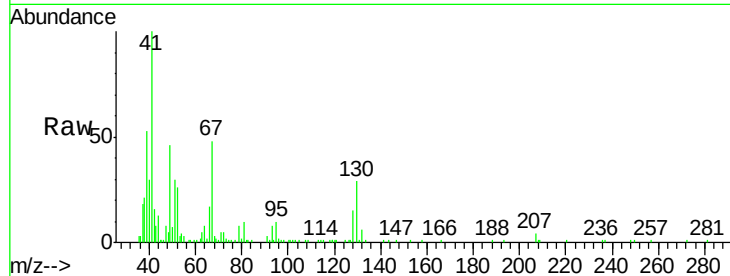
#41
Methacrylonitrile
Concen: 6.238 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100			
39	39	67.9	0.0	0.0	#
67	67	73.1	0.0	0.0	#
52	52	33.6	0.0	0.0	#

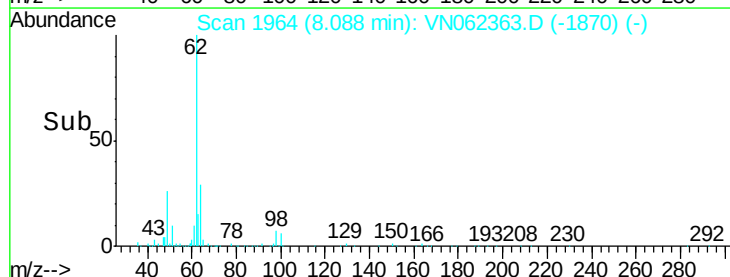
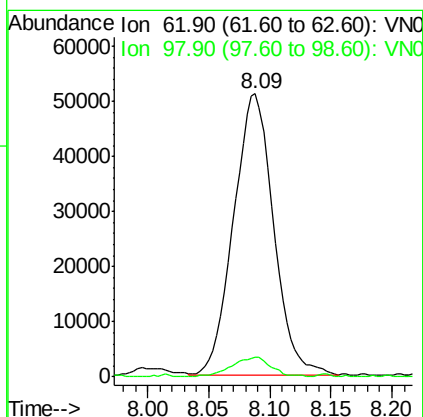
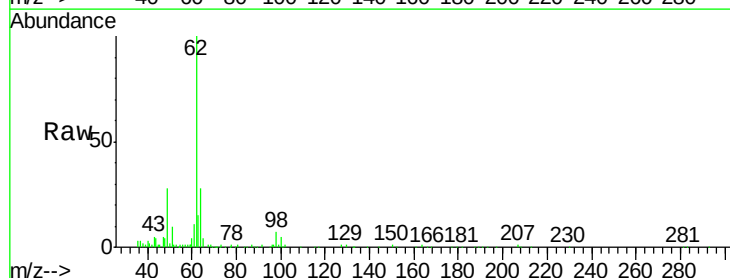
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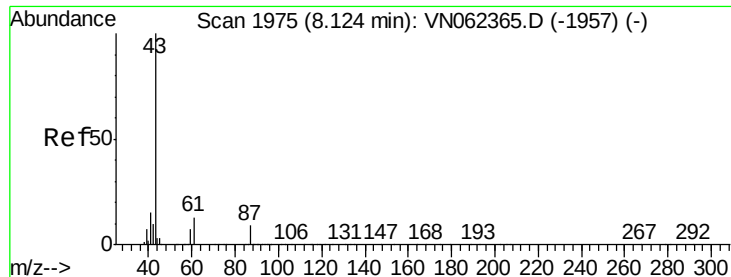
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#42
1,2-Dichloroethane
Concen: 6.183 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100			
98	98	6.9	0.0	13.4	





#43

Isopropyl Acetate

Concen: 6.632 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.01 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

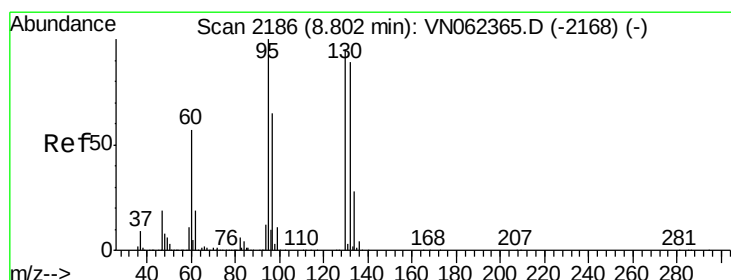
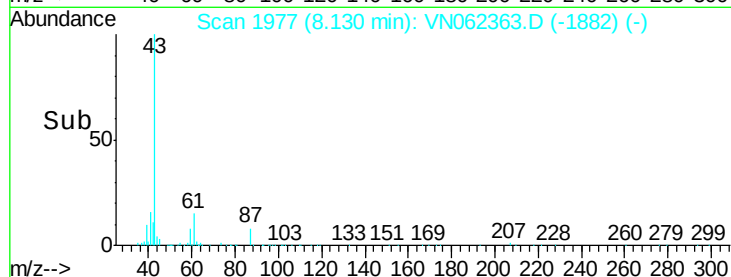
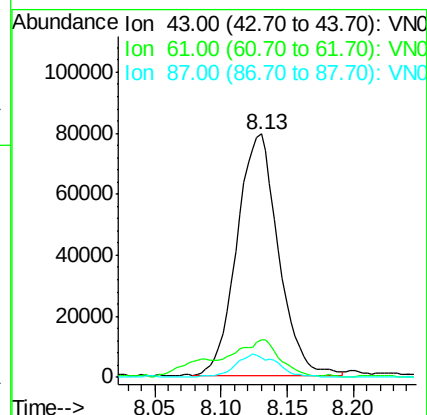
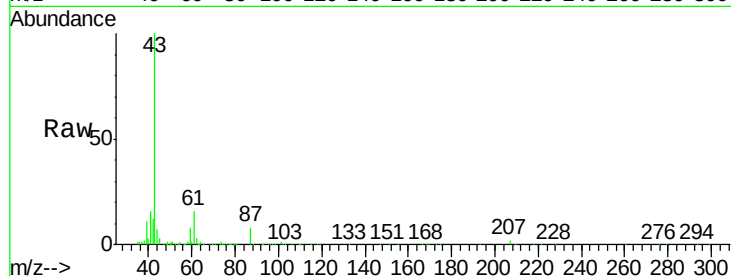
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	172100
Ion	Ratio	Lower	Upper
43	100		
61	15.4	13.1	19.7
87	9.7	7.5	11.3

Manual Integrations
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7/7/2020 10:08:21 AM



#44

Trichloroethene

Concen: 4.694 ug/l

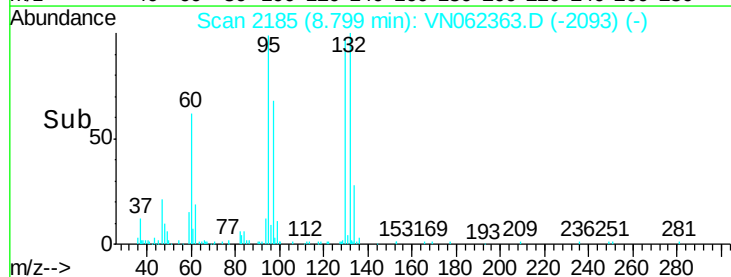
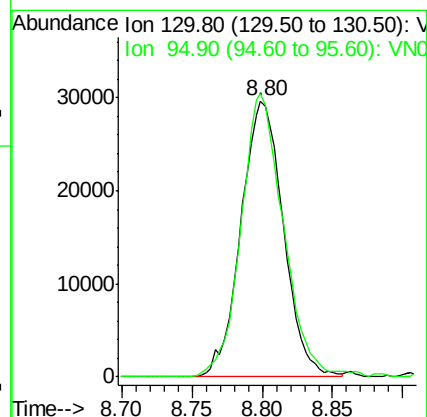
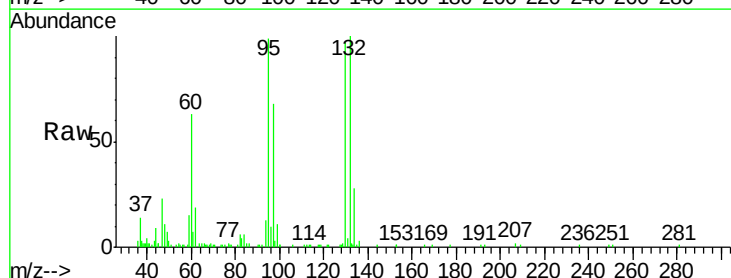
RT: 8.80 min Scan# 2185

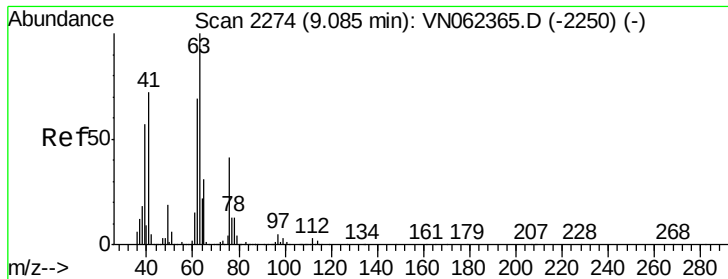
Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Tgt Ion:	130	Resp:	62442
Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	209.8





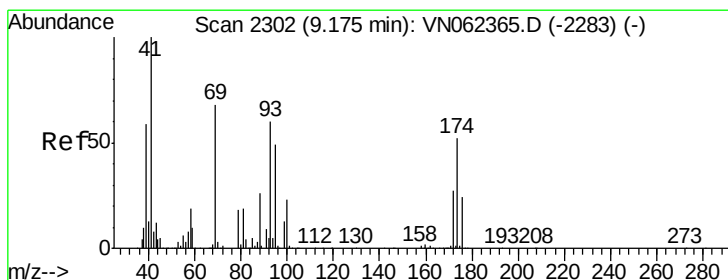
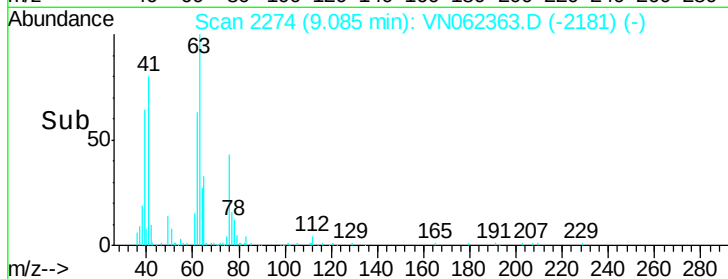
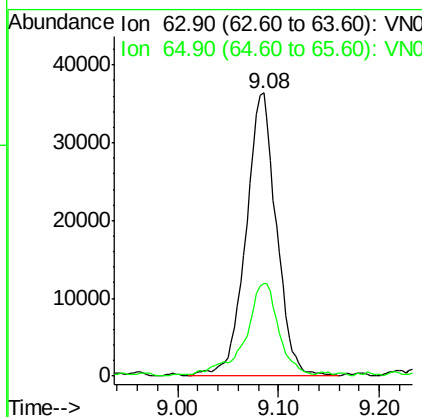
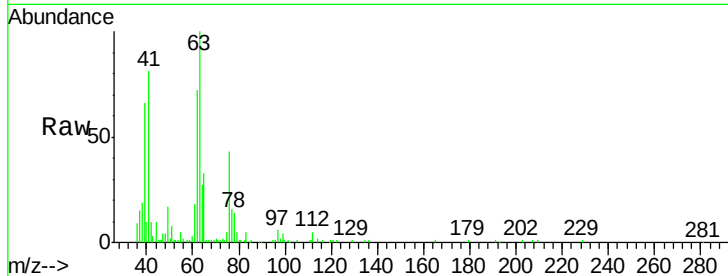
#45
 1,2-Dichloropropane
 Concen: 5.622 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.2	36.4

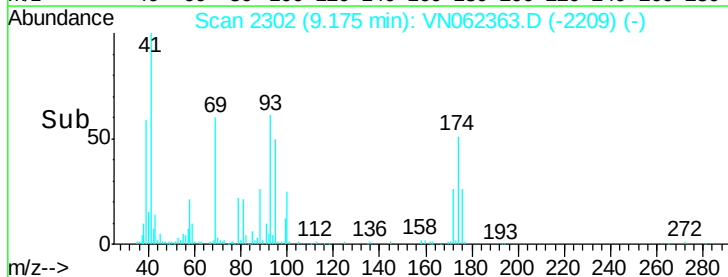
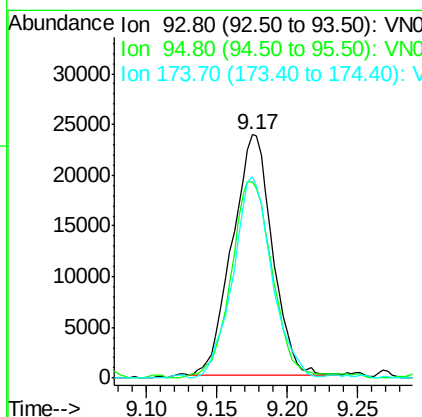
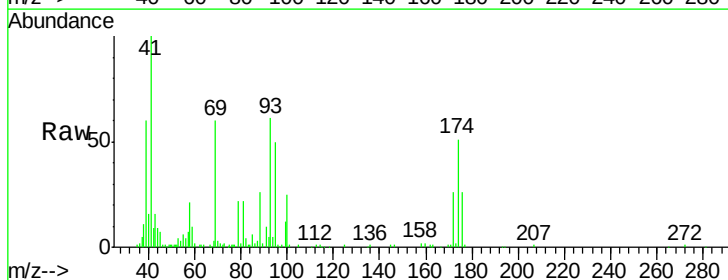
Manual Integrations
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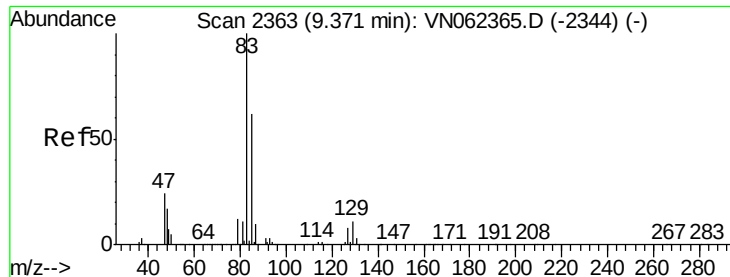
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#46
 Dibromomethane
 Concen: 5.279 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	64.8	97.2
174	81.1	67.6	101.4





#47

Bromodichloromethane

Concen: 5.598 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

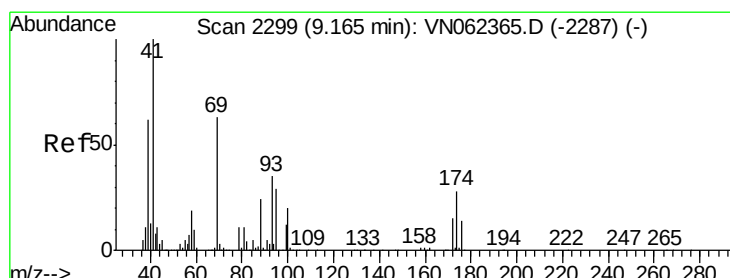
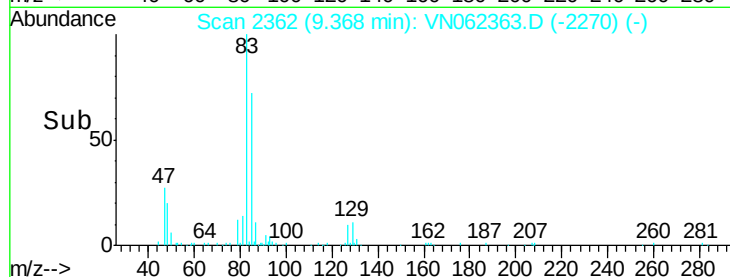
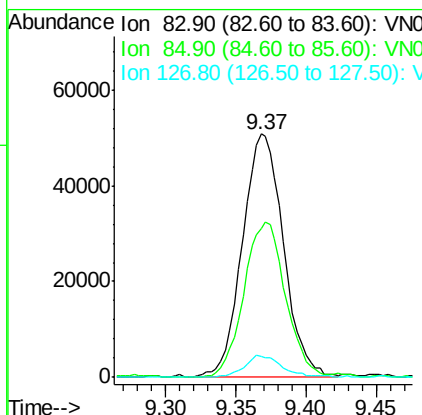
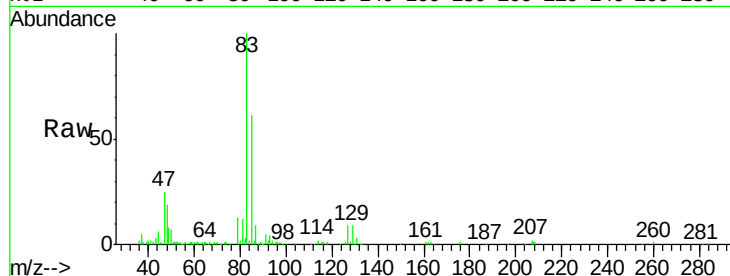
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	102491
Ion Ratio	Lower	Upper	
83	100		
85	61.2	49.8	74.6
127	8.7	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 7.542 ug/l

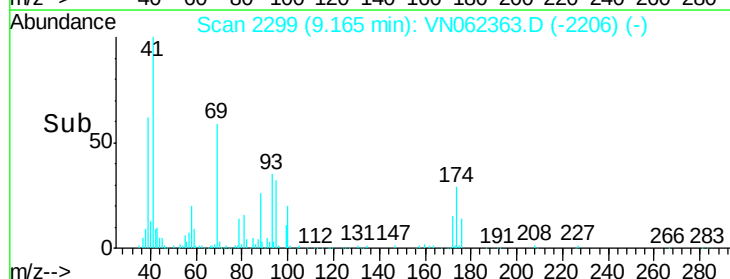
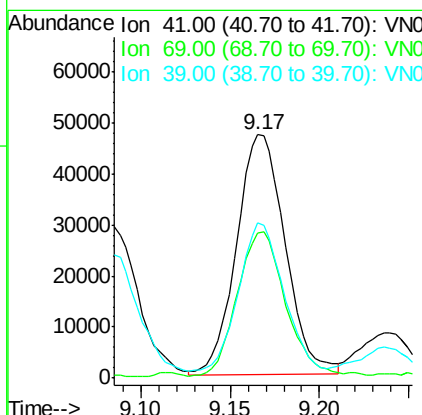
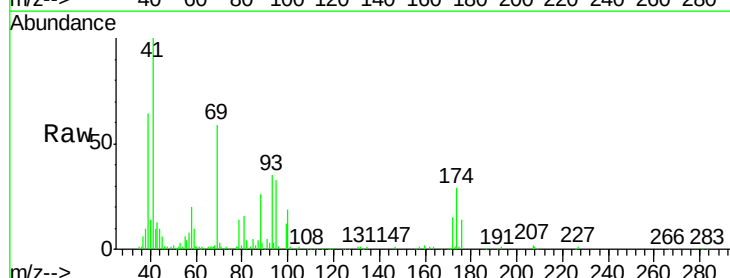
RT: 9.17 min Scan# 2299

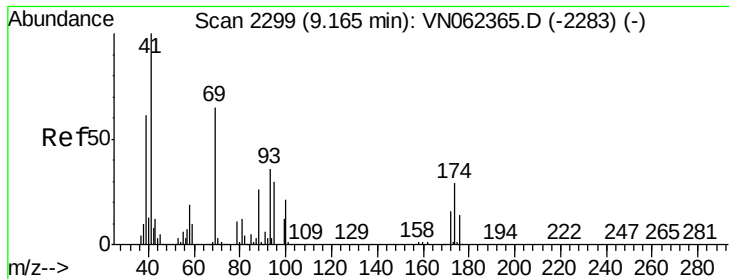
Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Tgt Ion:	41	Resp:	89921
Ion Ratio	Lower	Upper	
41	100		
69	59.2	51.5	77.3
39	60.5	51.2	76.8





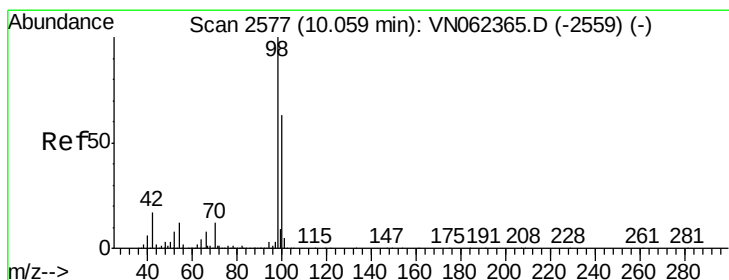
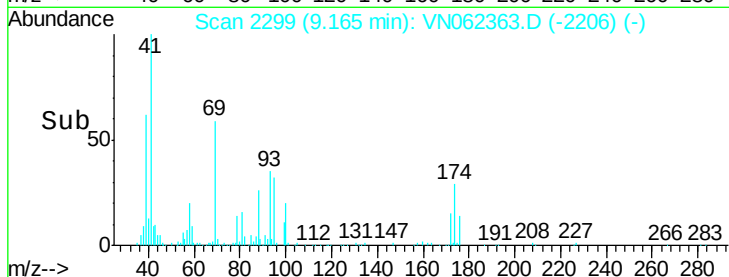
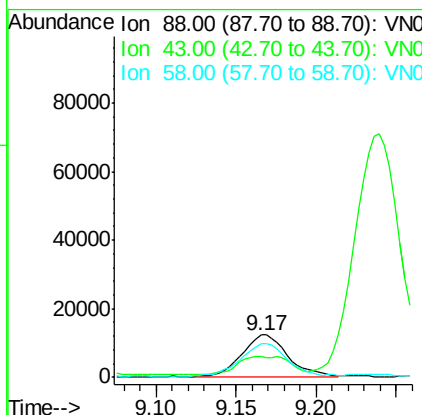
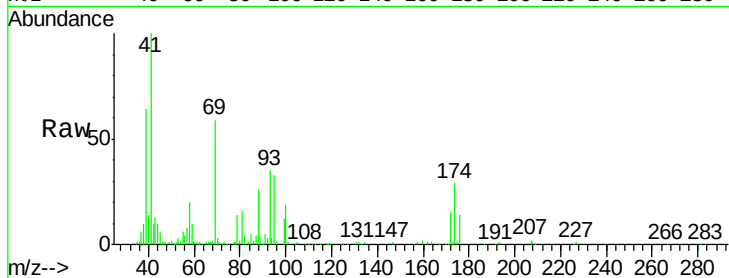
#49
1,4-Dioxane
Concen: 105.075 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	49.2	34.0	51.0
58	82.0	63.0	94.4

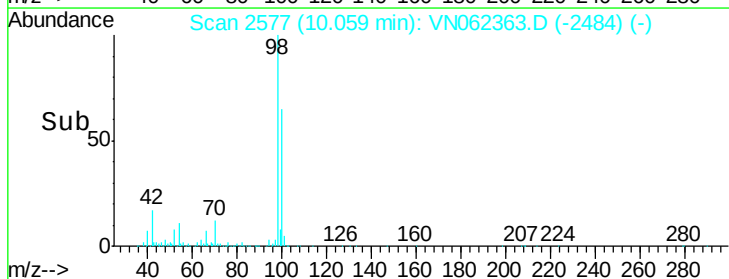
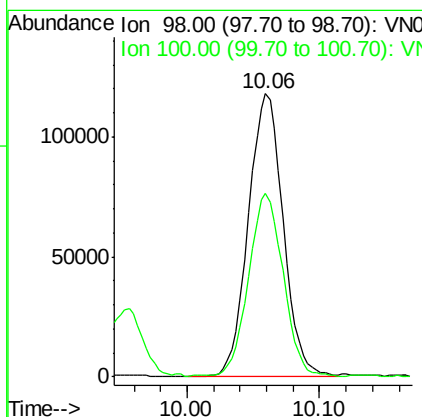
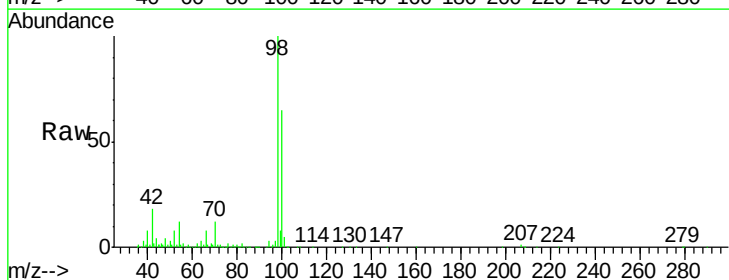
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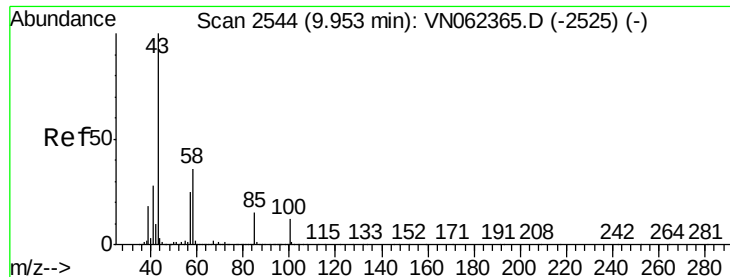
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#50
Toluene-d8
Concen: 4.756 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.2	75.2





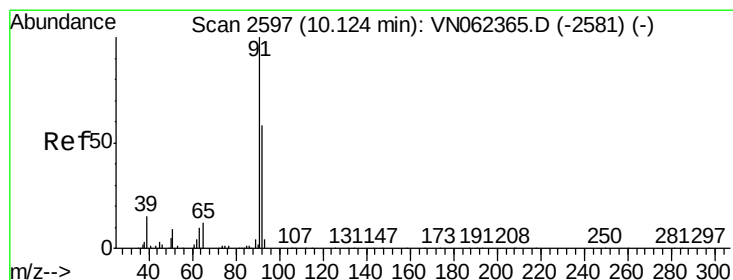
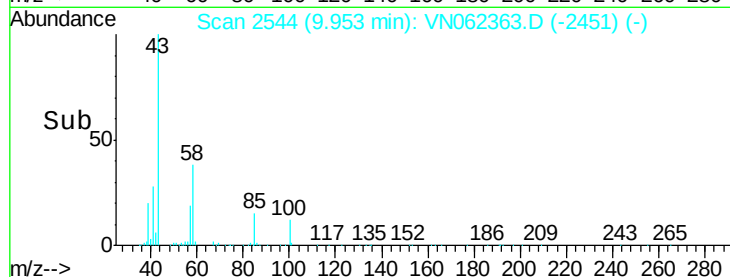
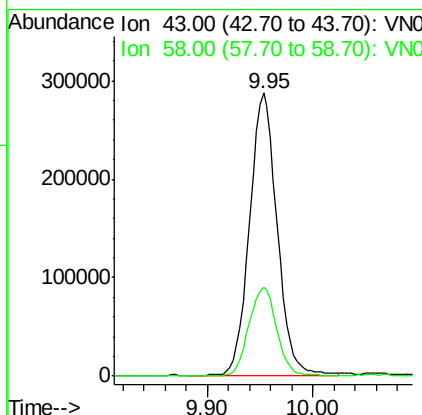
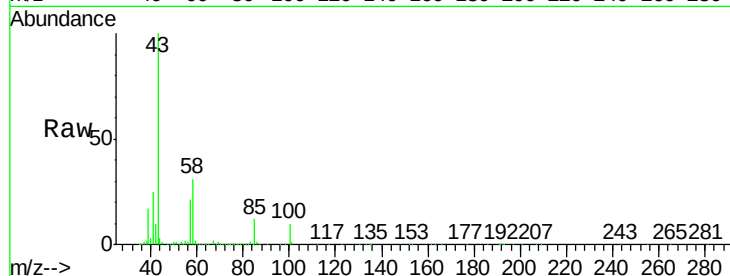
#51
4-Methyl-2-Pentanone
Concen: 34.769 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.6	41.4

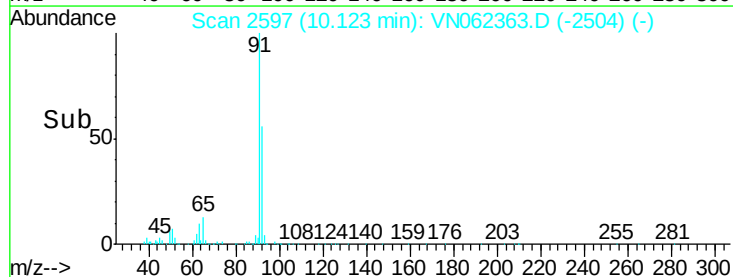
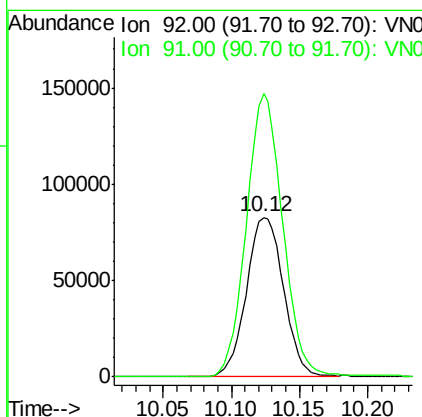
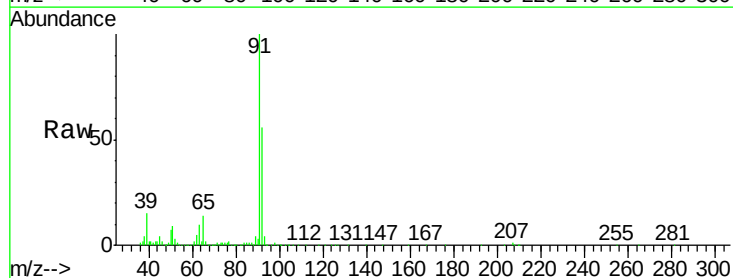
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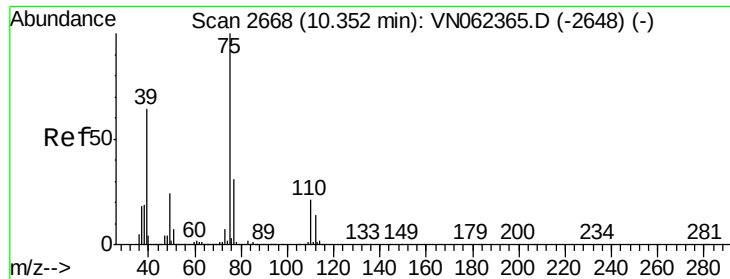
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#52
Toluene
Concen: 4.857 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.5	139.4	209.2





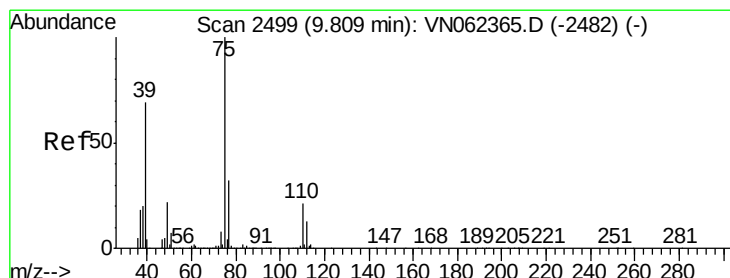
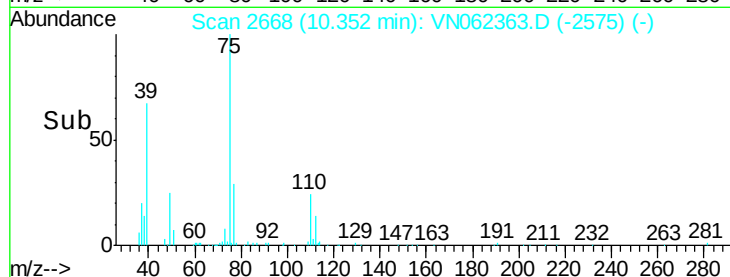
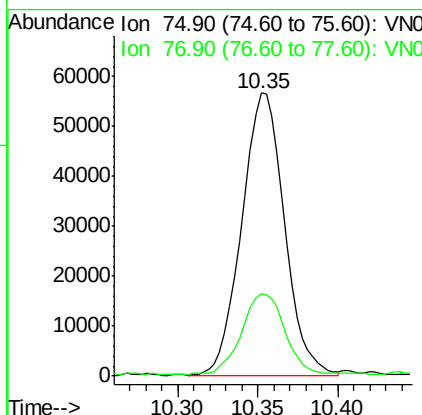
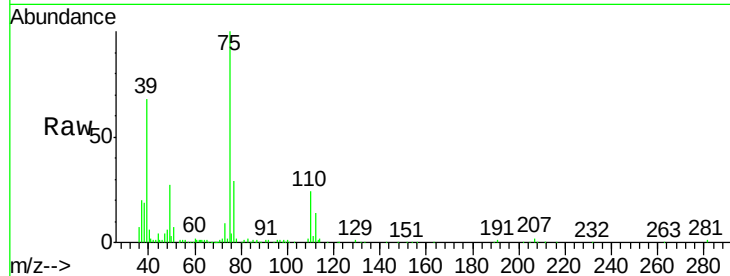
#53
t-1,3-Dichloropropene
Concen: 5.085 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.4	24.9	37.3

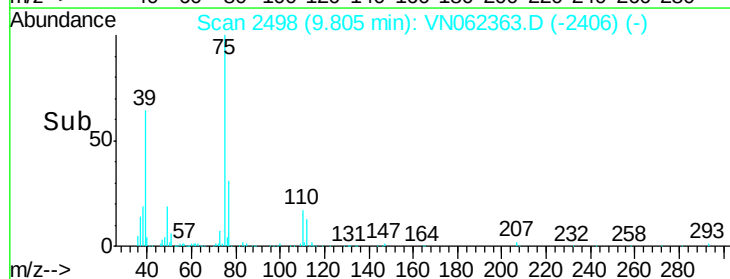
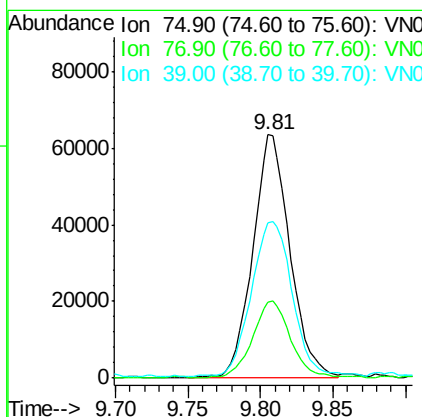
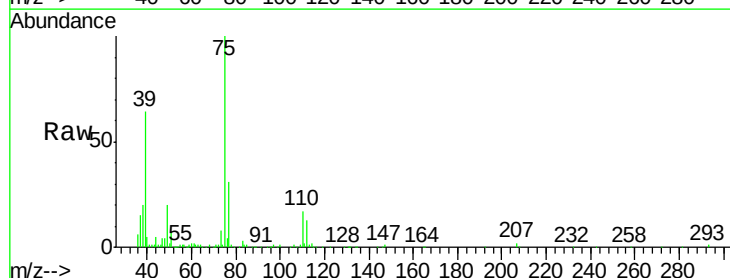
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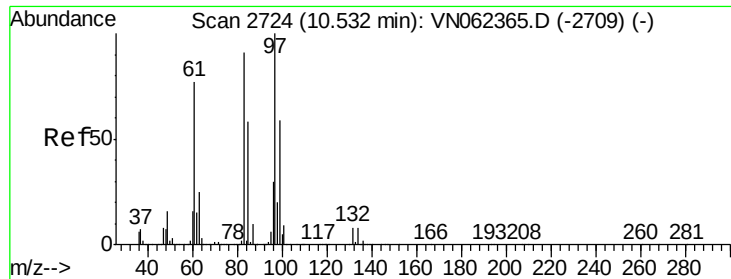
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#54
cis-1,3-Dichloropropene
Concen: 5.317 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.0	39.0
39	63.2	55.3	82.9





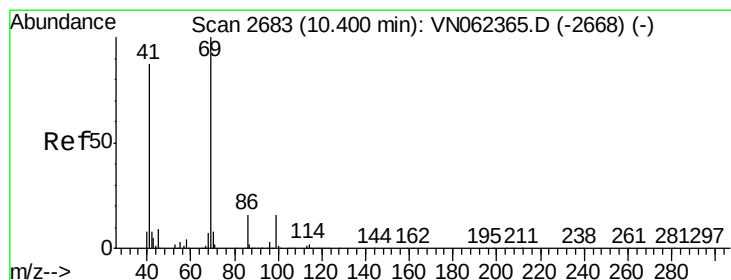
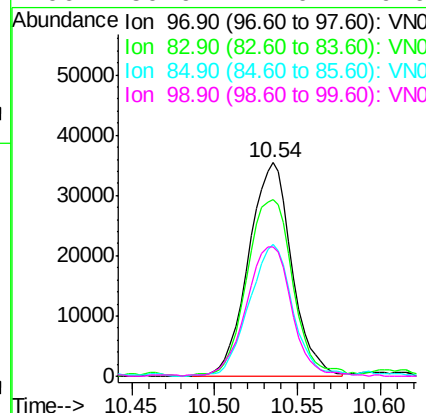
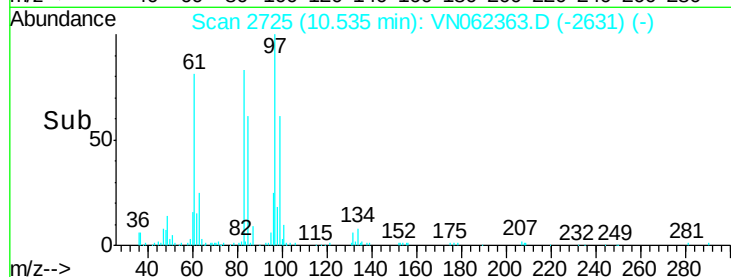
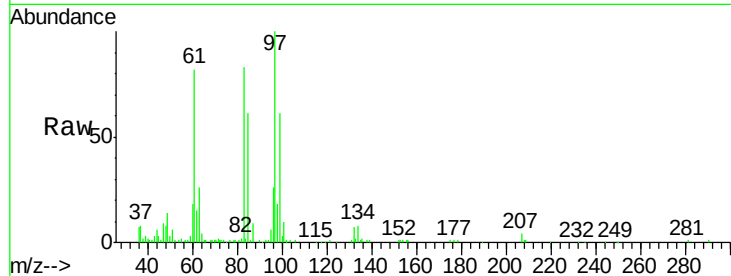
#55
 1,1,2-Trichloroethane
 Concen: 5.080 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.7	72.4	108.6
85	61.0	46.3	69.5
99	59.9	47.0	70.6

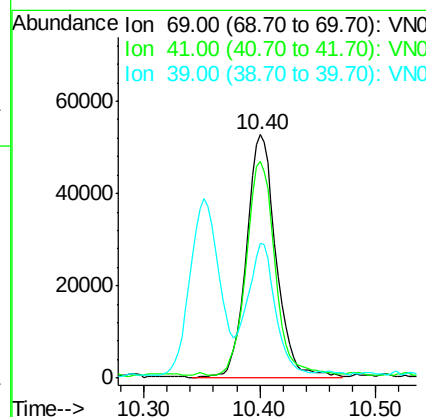
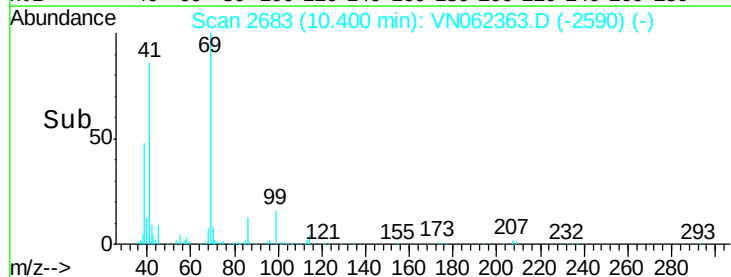
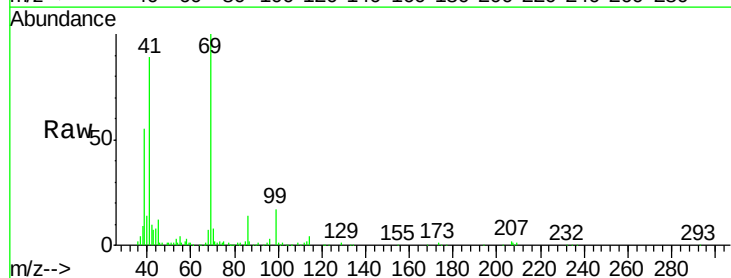
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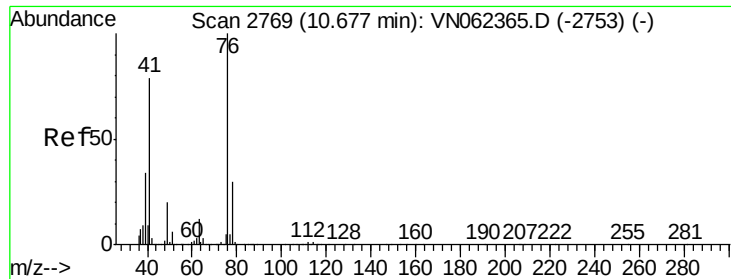
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#56
 Ethyl methacrylate
 Concen: 5.376 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	84.8	69.4	104.0
39	49.3	42.4	63.6





#57

1,3-Dichloropropane

Concen: 5.406 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 119990

Ion Ratio Lower Upper

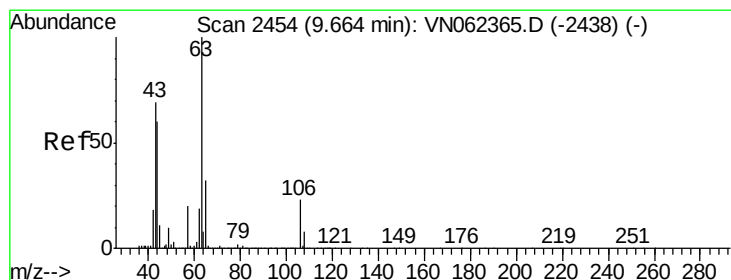
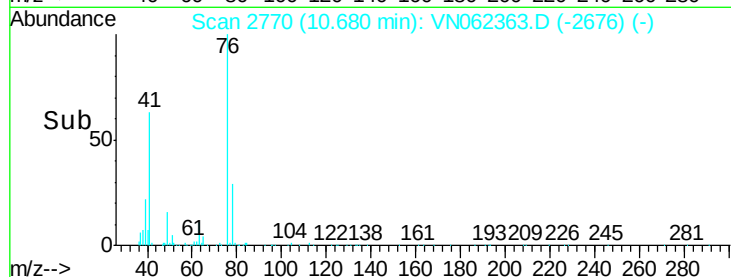
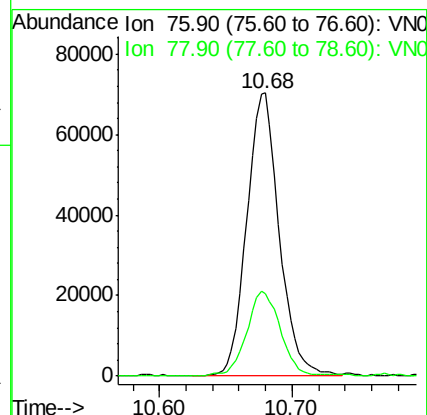
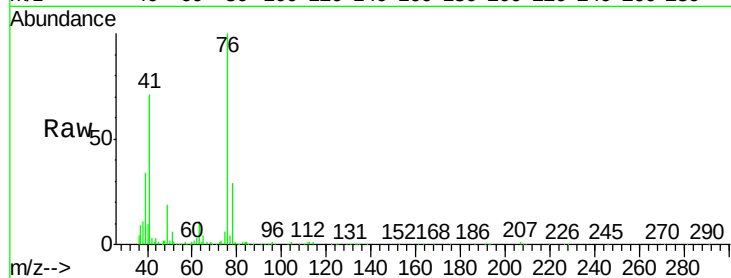
76 100

78 31.0 25.0 37.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 24.588 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062363.D

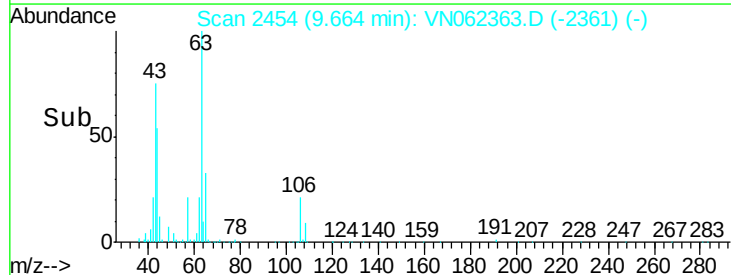
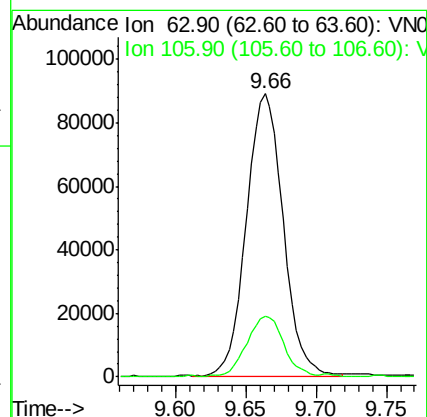
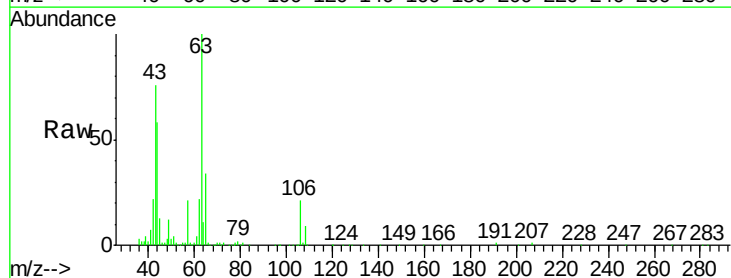
Acq: 6 Jul 2020 12:50

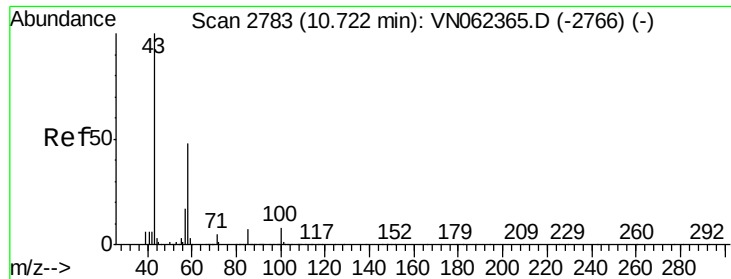
Tgt Ion: 63 Resp: 162160

Ion Ratio Lower Upper

63 100

106 21.9 18.0 27.0





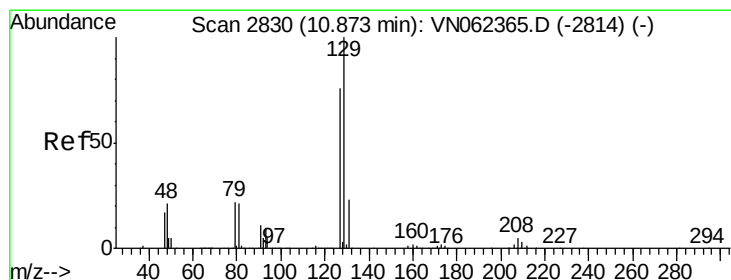
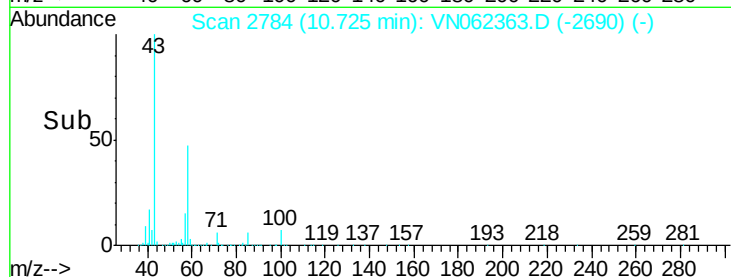
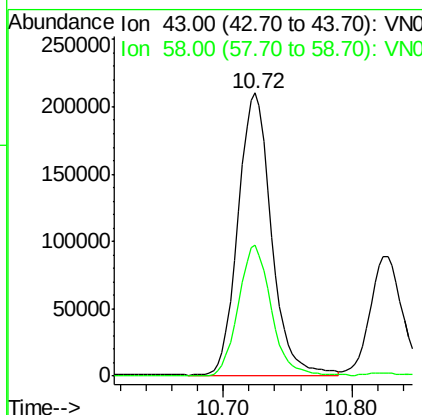
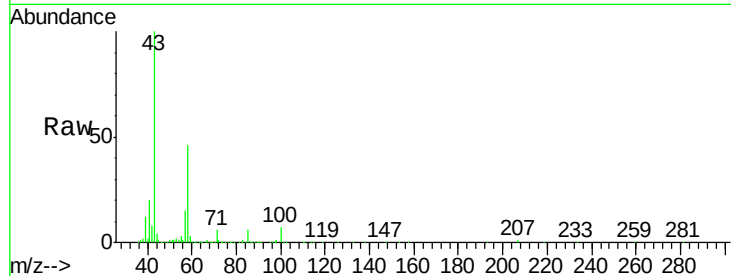
#59
2-Hexanone
Concen: 34.235 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 375493
Ion Ratio Lower Upper
43 100
58 46.0 23.5 70.6

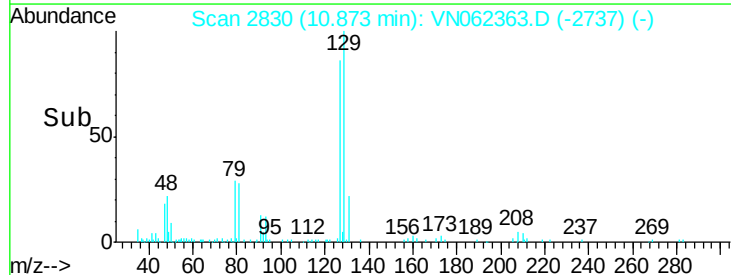
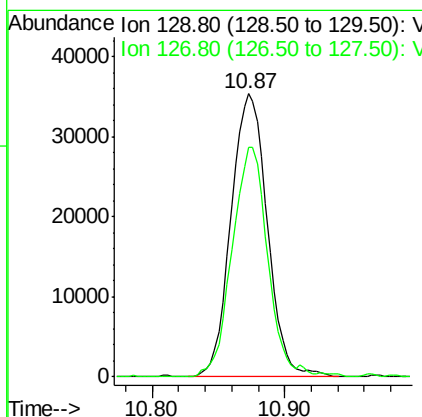
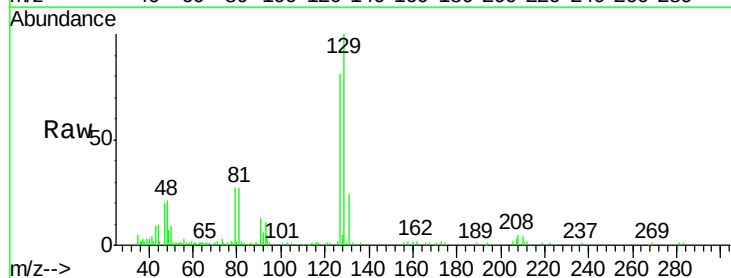
Manual Integrations
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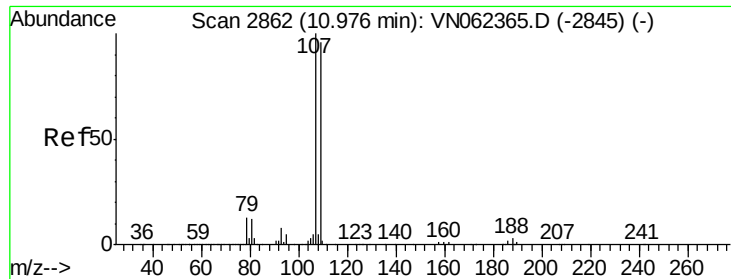
MMDadoda
7/7/2020 10:08:21 AM



#60
Dibromochloromethane
Concen: 4.937 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion: 129 Resp: 67292
Ion Ratio Lower Upper
129 100
127 80.1 38.8 116.3





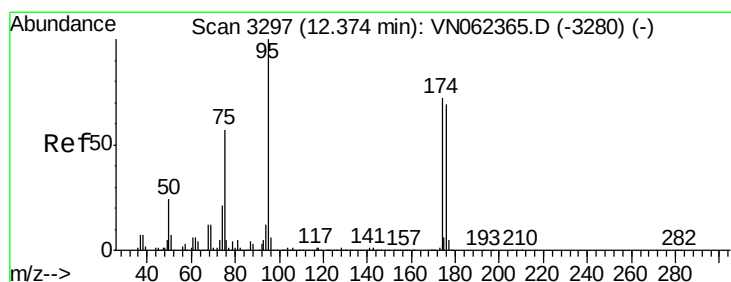
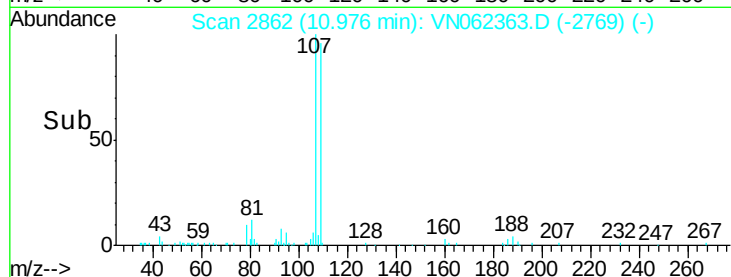
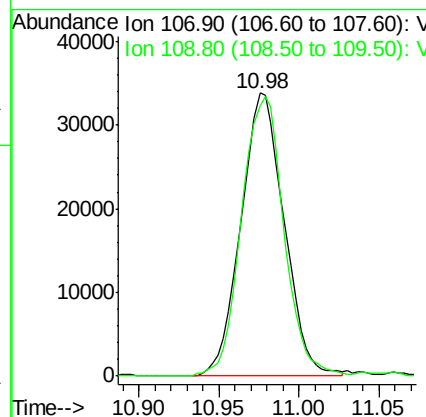
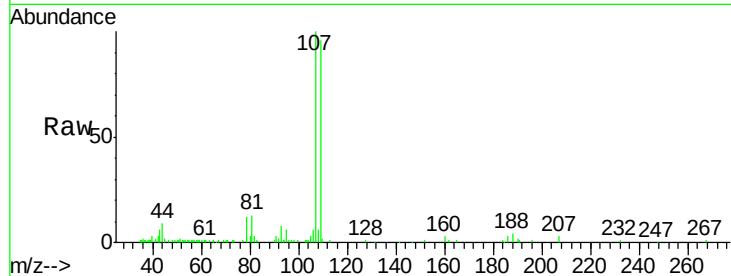
#61
 1,2-Dibromoethane
 Concen: 4.772 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.1	76.4	114.6

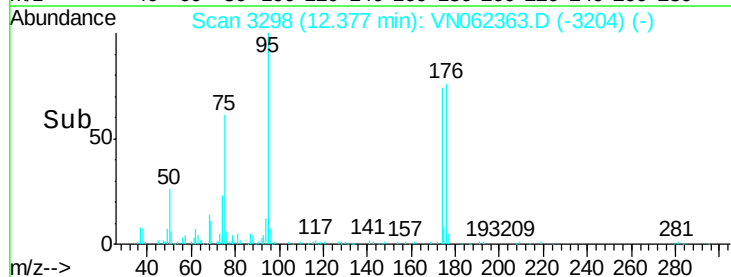
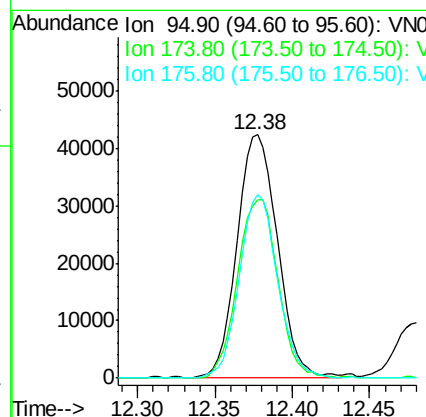
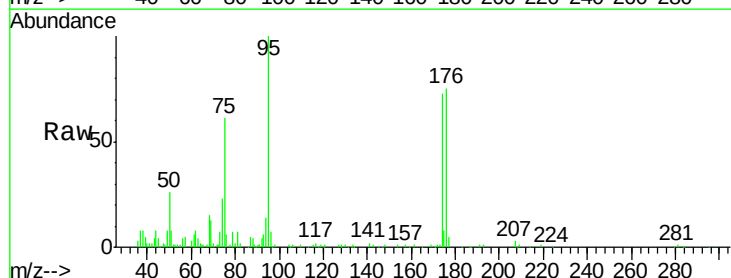
Manual Integrations
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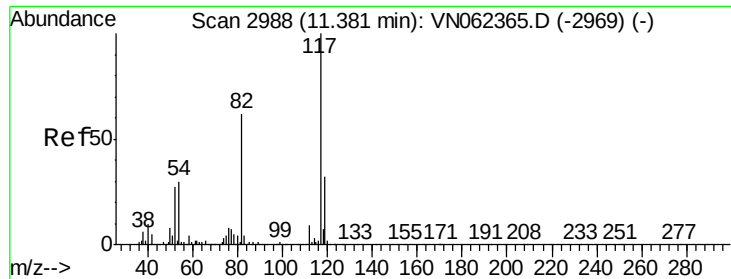
MMDadoda
 7/7/2020 10:08:21 AM



#62
 4-Bromofluorobenzene
 Concen: 4.916 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	145.8
176	71.3	0.0	140.2





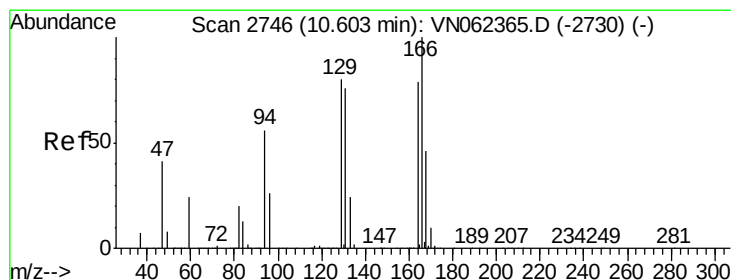
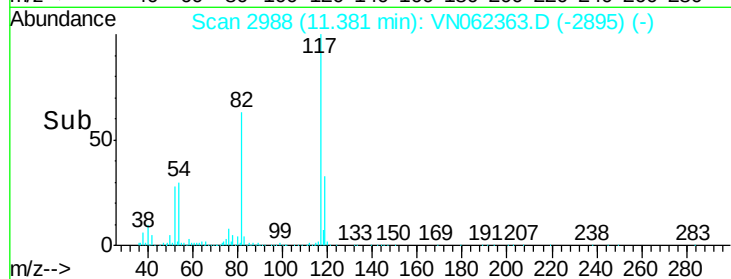
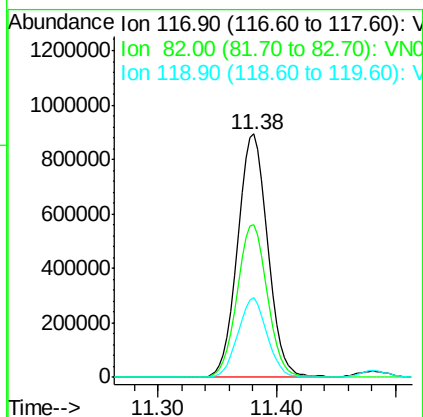
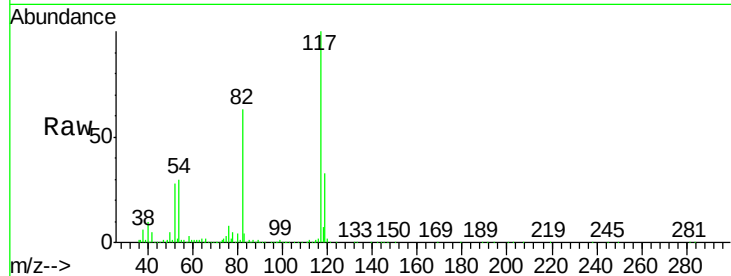
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 1568968
Ion Ratio Lower Upper
117 100
82 62.5 49.4 74.2
119 32.7 25.6 38.4

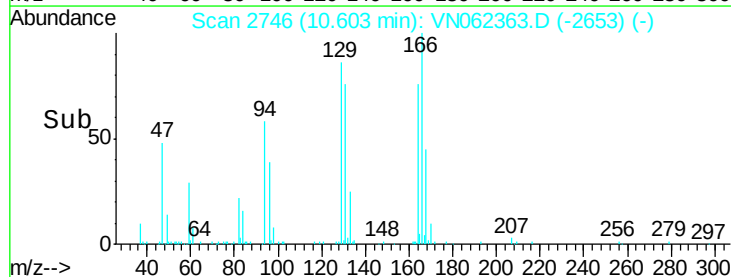
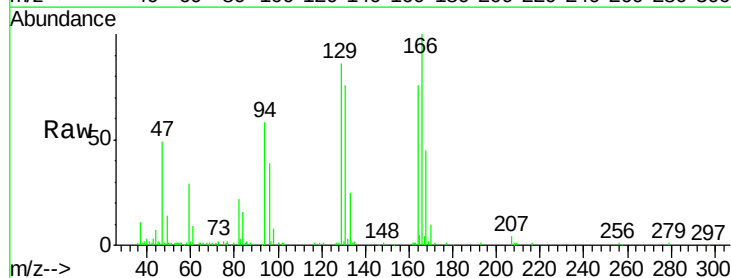
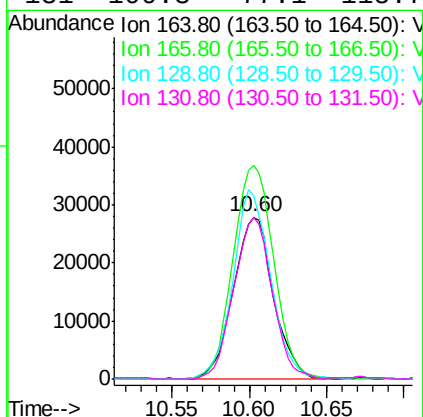
Manual Integrations
APPROVED

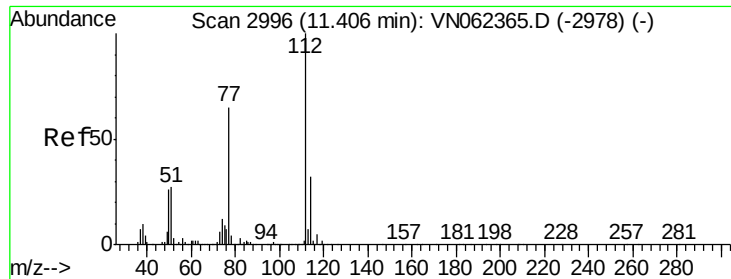
MMDadoda
7/7/2020 10:08:21 AM



#64
Tetrachloroethene
Concen: 4.729 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion:164 Resp: 50320
Ion Ratio Lower Upper
164 100
166 131.6 101.6 152.4
129 113.3 81.4 122.2
131 100.3 77.1 115.7





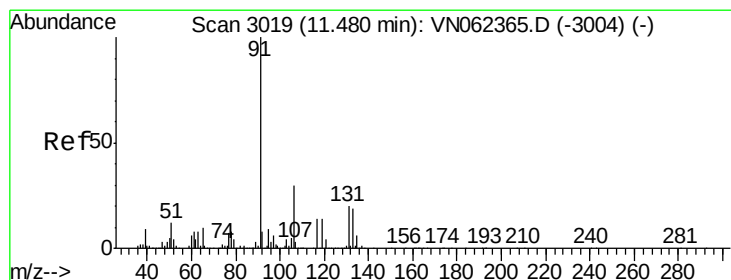
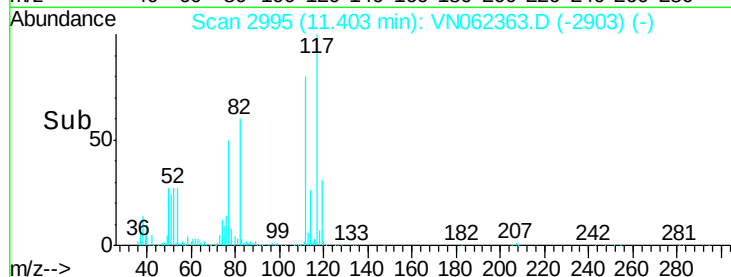
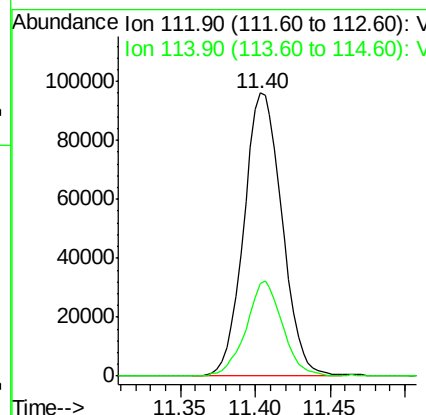
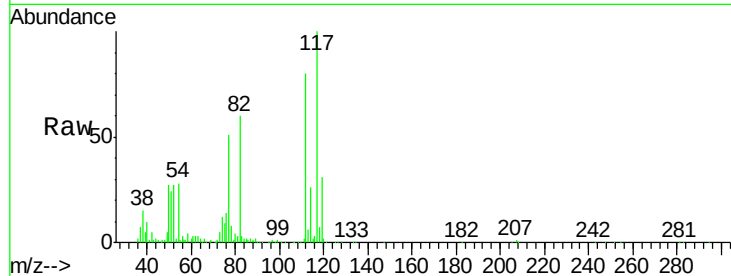
#65
Chlorobenzene
Concen: 4.977 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.8

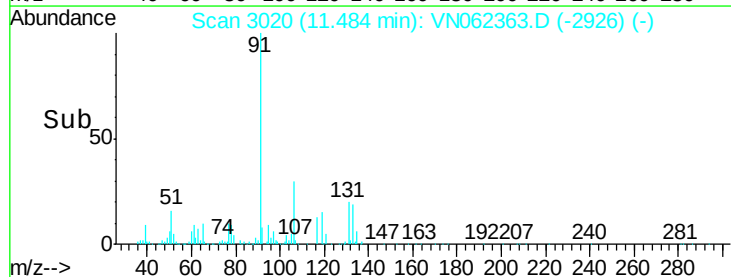
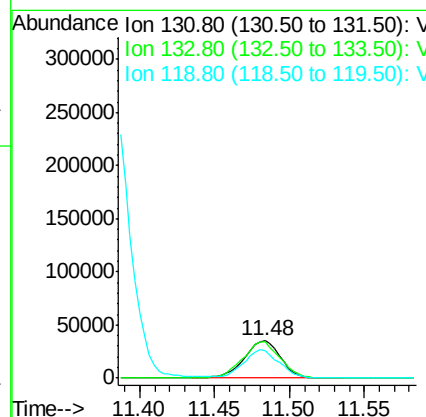
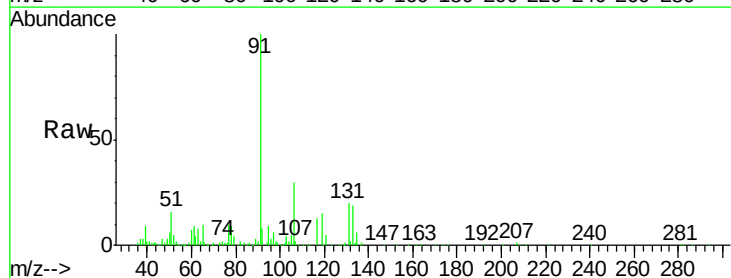
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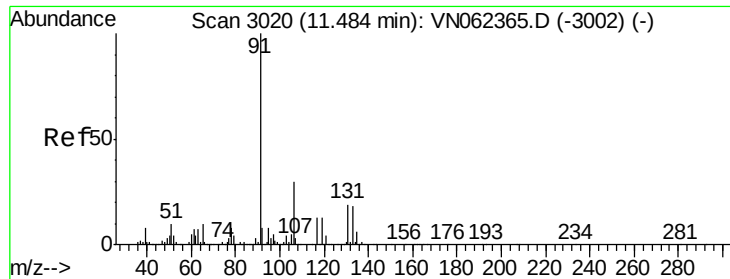
MMDadoda
7/7/2020 10:08:21 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 4.981 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	100.5	47.3	141.9
119	73.9	33.3	99.9





#67

Ethyl Benzene

Concen: 5.013 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 293006

Ion Ratio Lower Upper

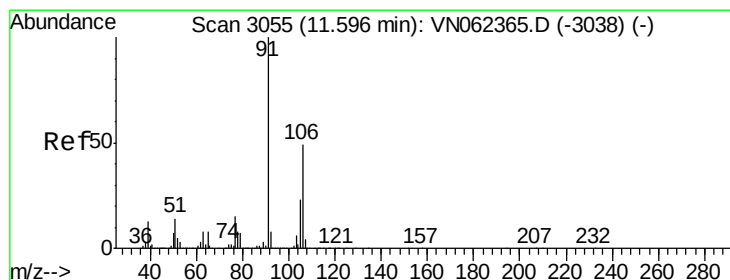
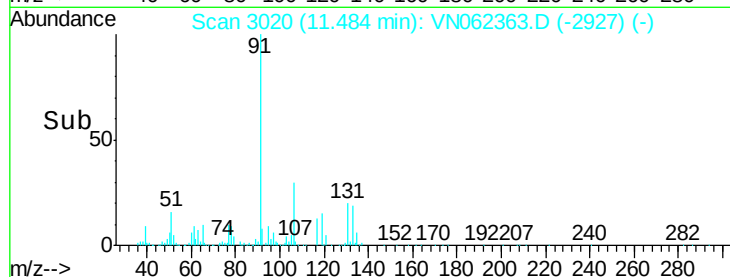
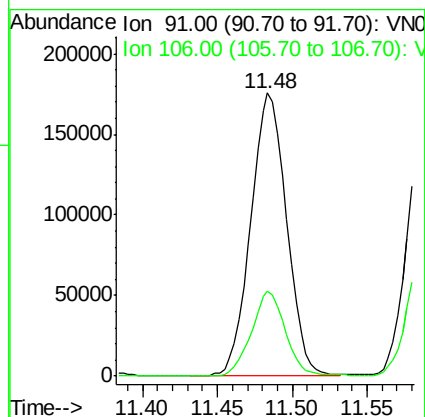
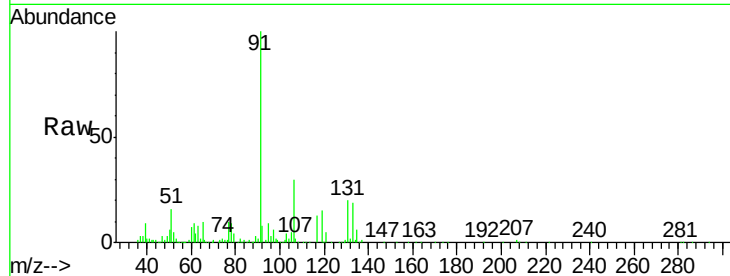
91 100

106 30.2 24.2 36.2

Manual Integrations
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MMDadoda

7/7/2020 10:08:21 AM



#68

m/p-Xylenes

Concen: 9.327 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062363.D

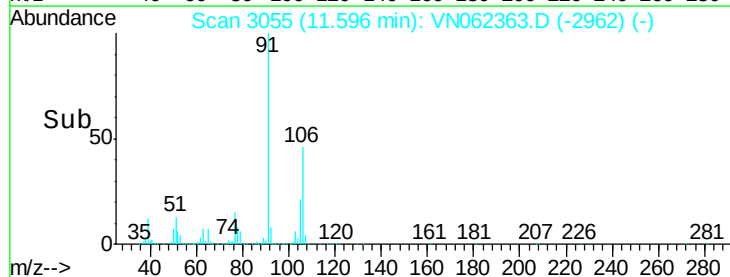
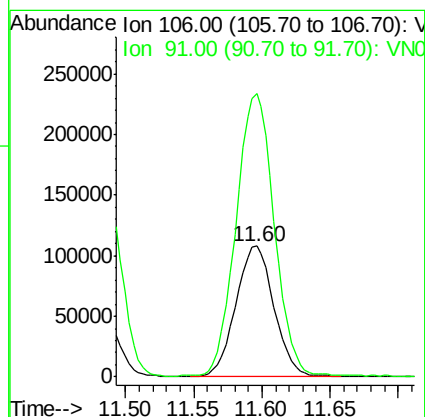
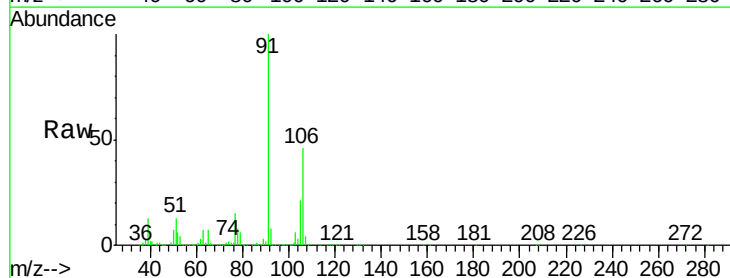
Acq: 6 Jul 2020 12:50

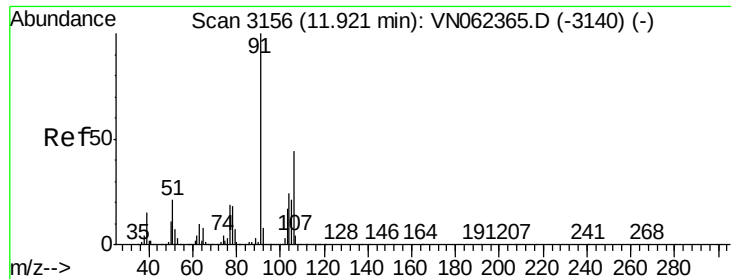
Tgt Ion: 106 Resp: 208680

Ion Ratio Lower Upper

106 100

91 216.5 165.4 248.2





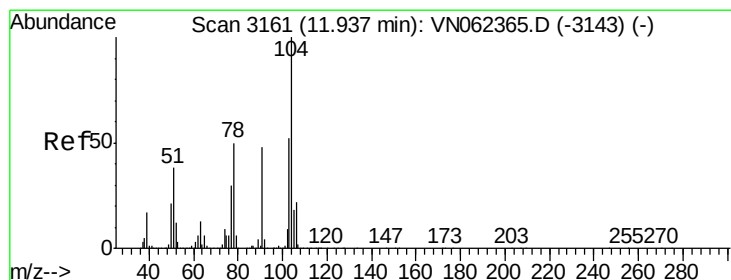
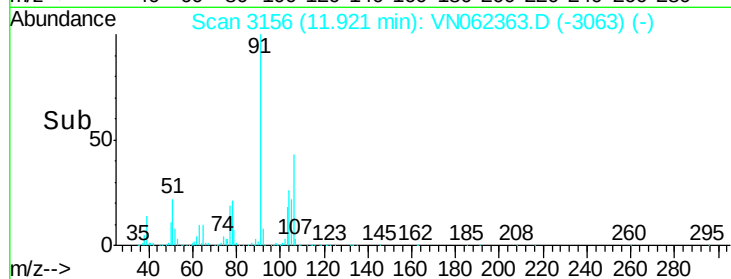
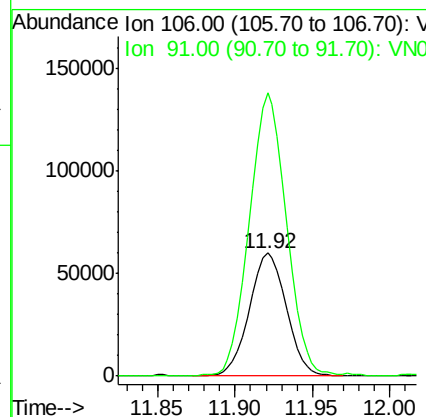
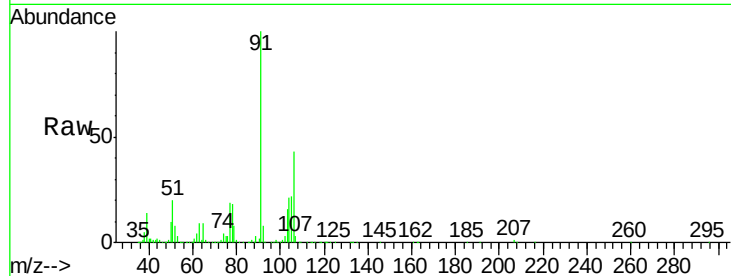
#69
o-Xylene
Concen: 4.763 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	229.7	113.1	339.4

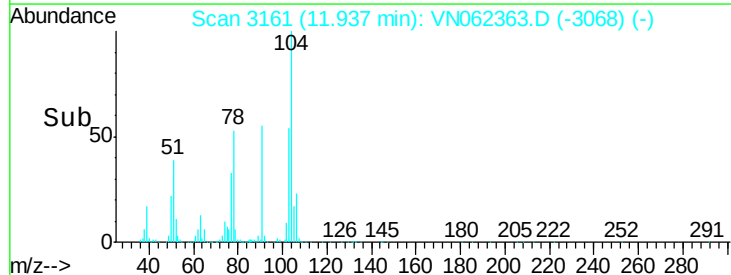
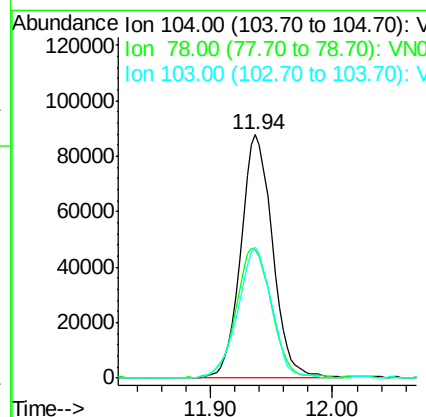
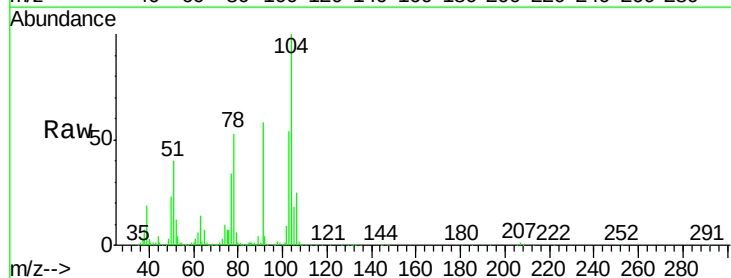
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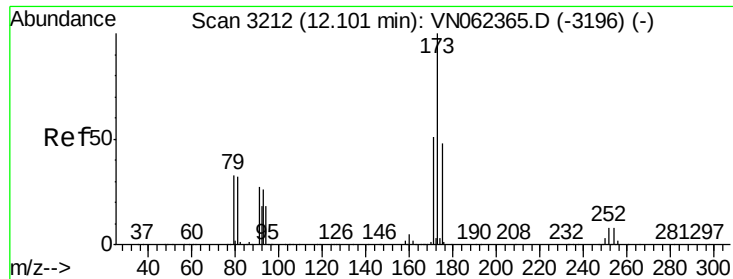
MMDadoda
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#70
Styrene
Concen: 4.484 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	58.6	44.8	67.2
103	57.6	45.0	67.4





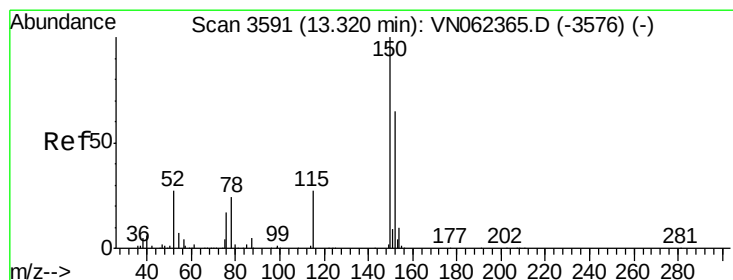
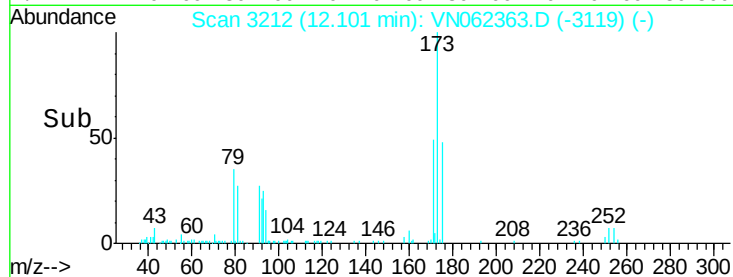
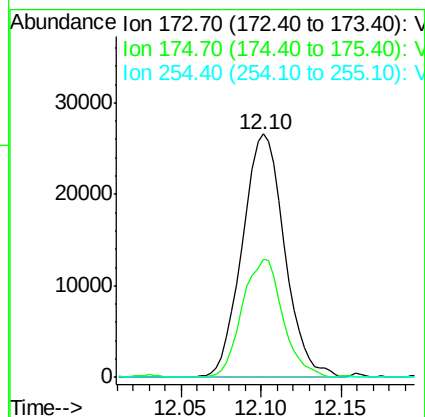
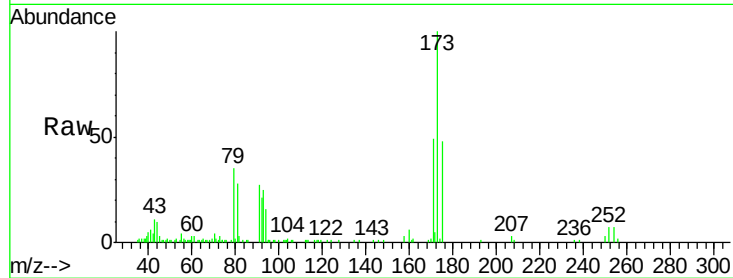
#71
Bromoform
Concen: 5.540 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.5	24.1	72.2
254	0.0	0.2	0.2

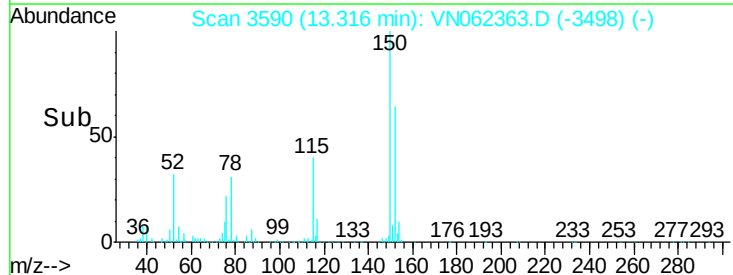
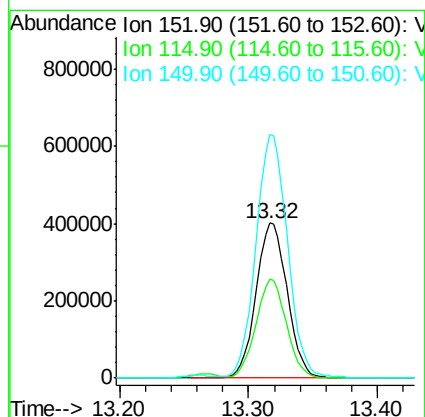
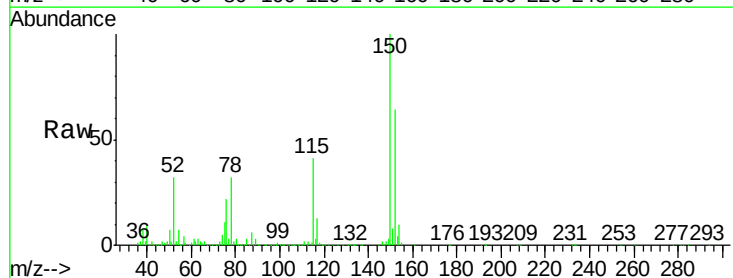
Manual Integrations
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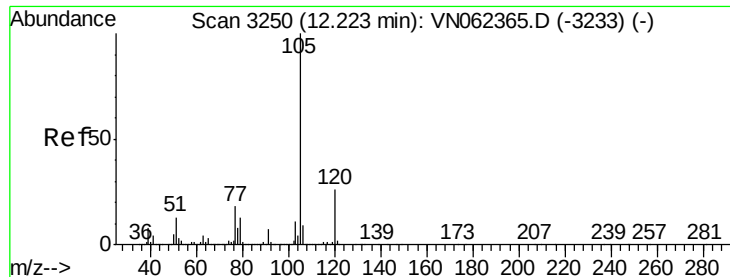
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.5	91.5
150	158.8	0.0	346.8





#73

Isopropylbenzene

Concen: 5.298 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 277418

Ion Ratio Lower Upper

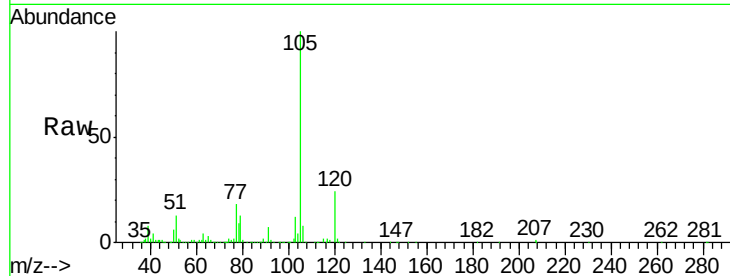
105 100

120 25.4 12.8 38.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

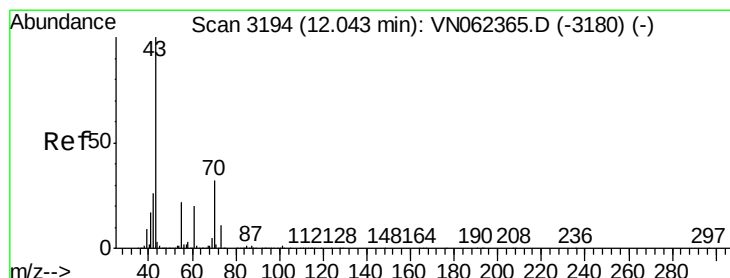
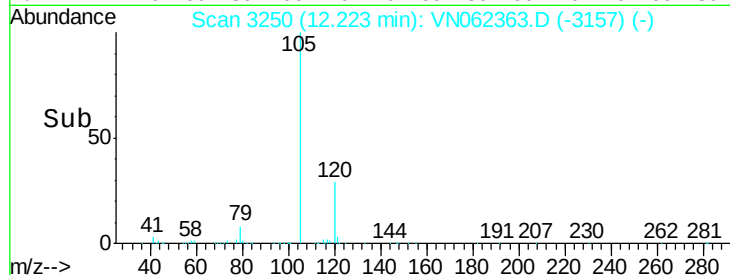
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 6.806 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Tgt Ion: 43 Resp: 129105

Ion Ratio Lower Upper

43 100

70 33.2 25.9 38.9

55 21.4 17.4 26.0

61 18.4 15.6 23.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

120000

100000

80000

60000

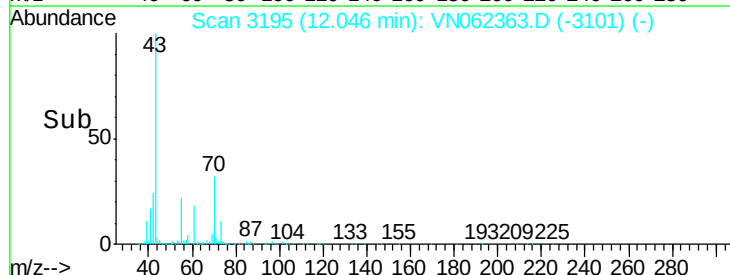
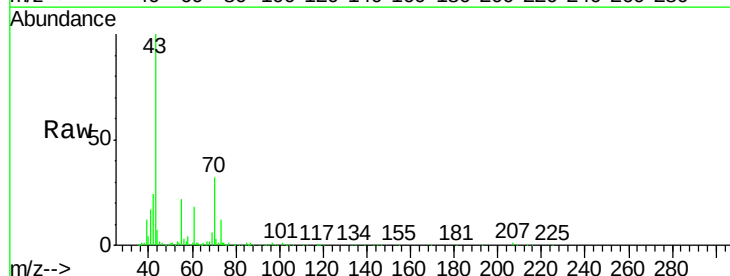
40000

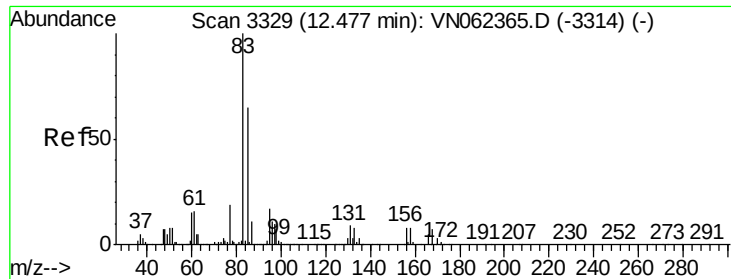
20000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.365 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

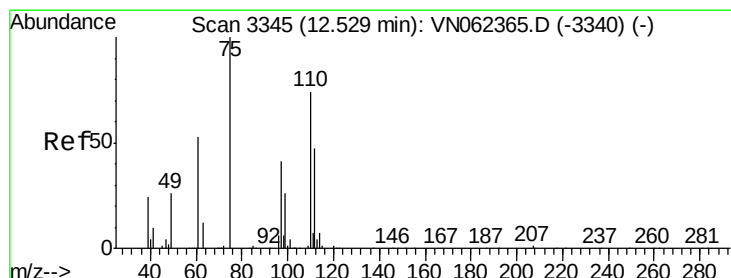
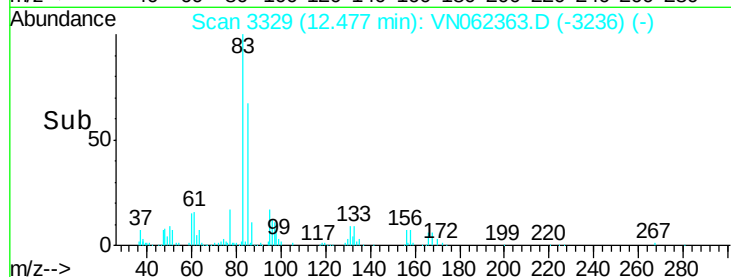
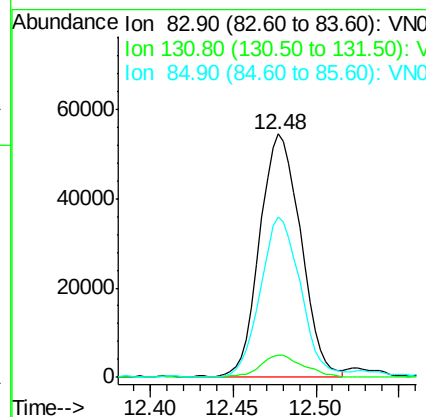
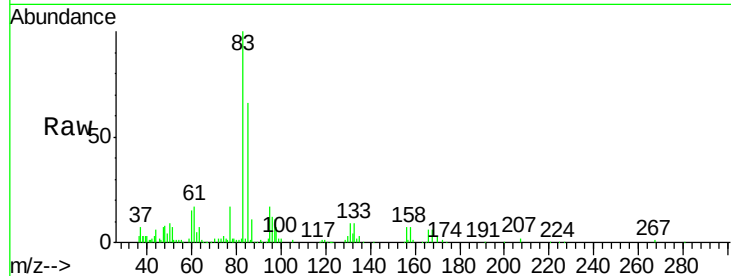
VSTDIC005

Tot Ion:	83	Resp:	94211
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.8	14.3
85	64.5	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 6.003 ug/l m

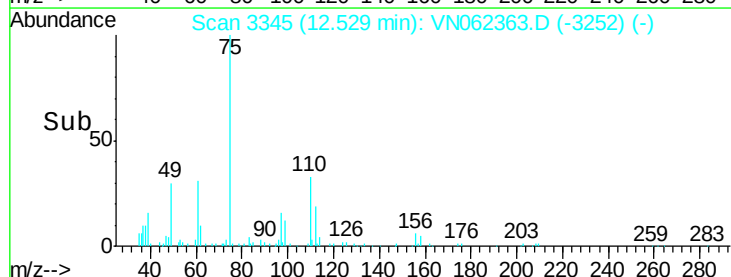
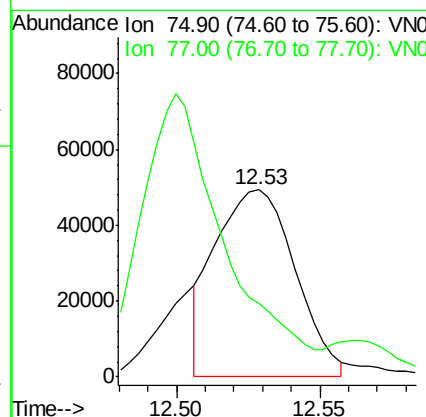
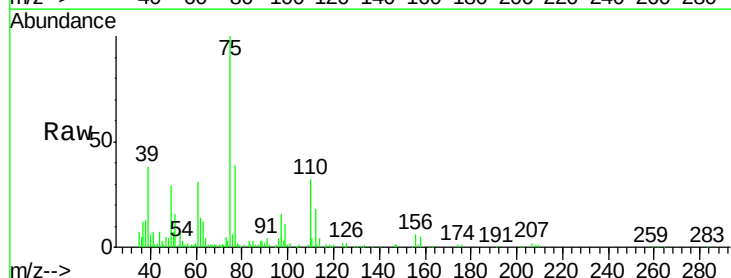
RT: 12.53 min Scan# 3345

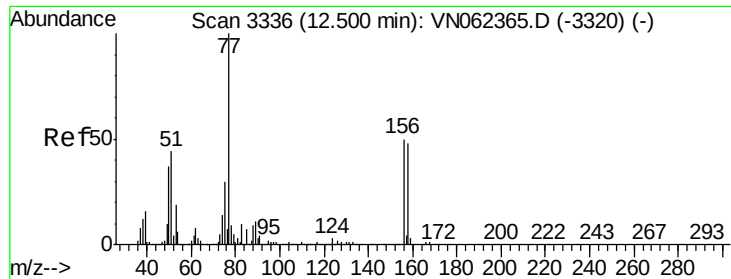
Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Tgt Ion:	75	Resp:	96002
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





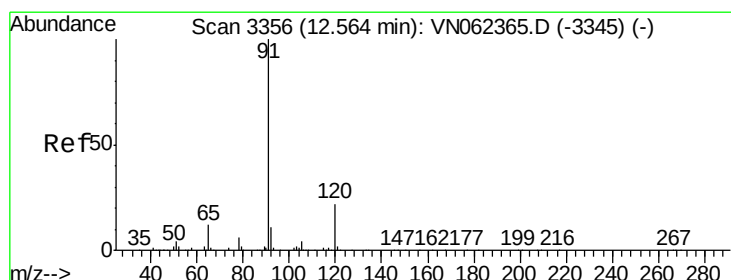
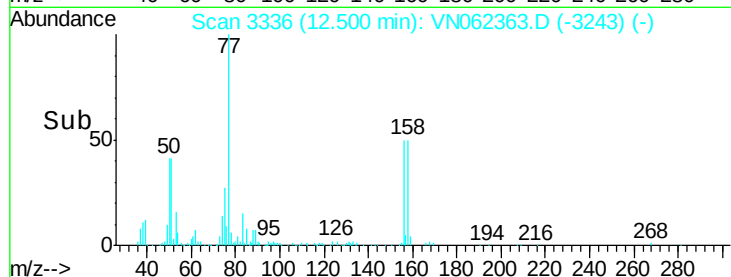
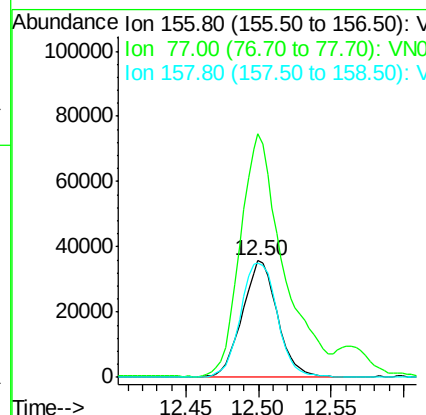
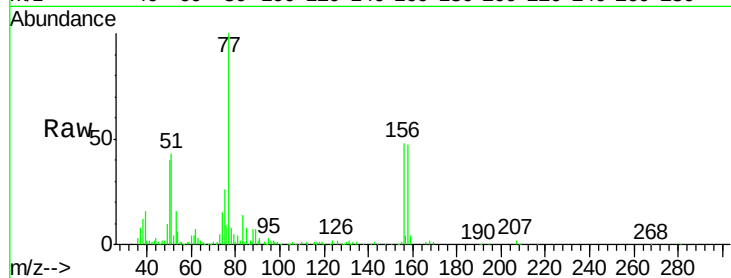
#77
Bromobenzene
Concen: 4.678 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	251.6	123.3	369.8
158	103.1	49.6	148.8

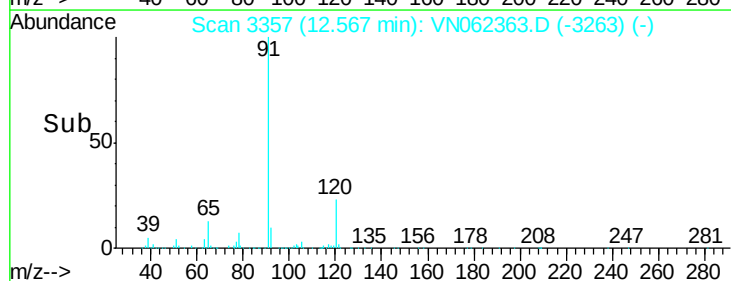
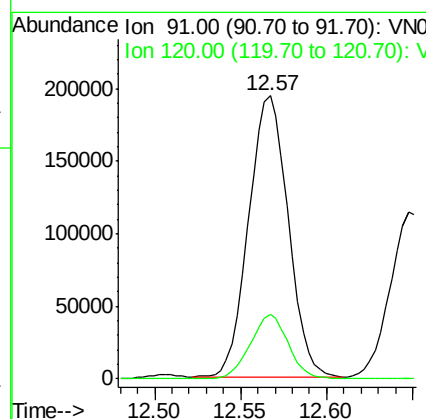
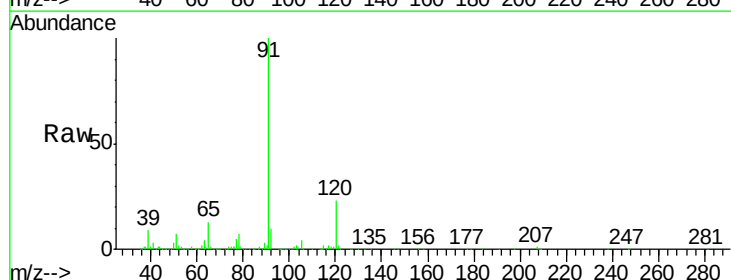
Manual Integrations
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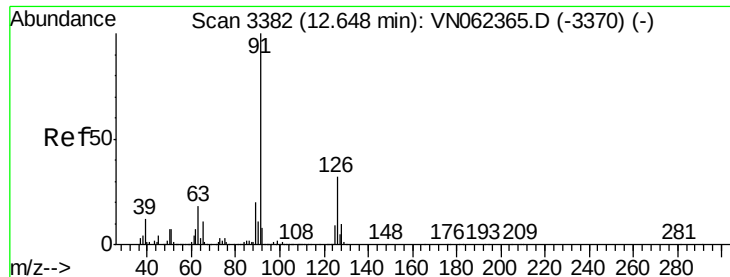
MMDadoda
7/7/2020 10:08:21 AM



#78
n-propylbenzene
Concen: 5.140 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.9	32.6





#79

2-Chlorotoluene

Concen: 5.210 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 190199

Ion Ratio Lower Upper

91 100

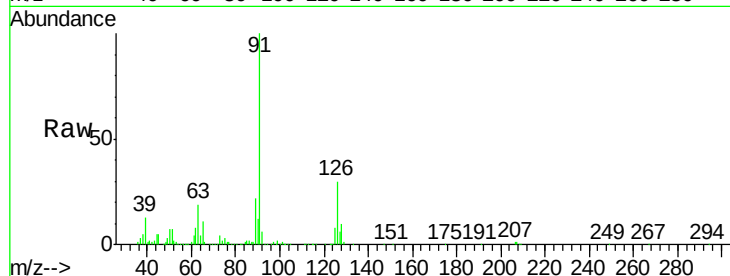
126 32.5 15.8 47.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN062363.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062363.D (-3370) (-)

200000

150000

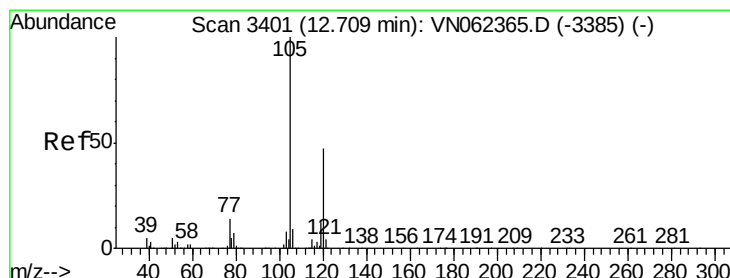
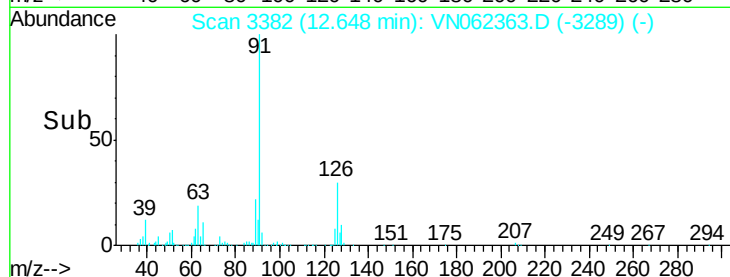
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.237 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062363.D

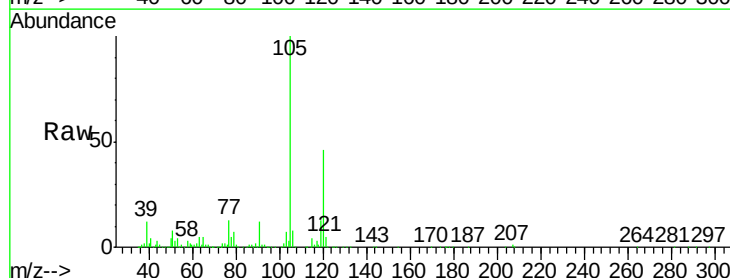
Acq: 6 Jul 2020 12:50

Tgt Ion: 105 Resp: 223517

Ion Ratio Lower Upper

105 100

120 48.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062363.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062363.D (-3385) (-)

150000

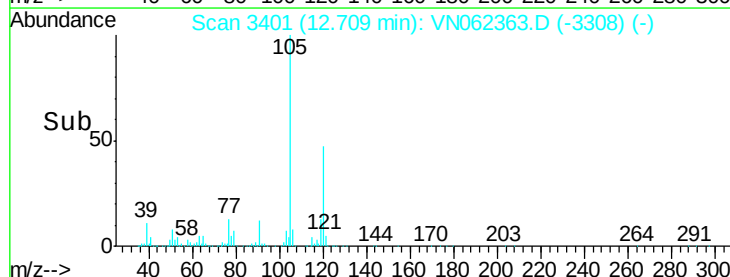
100000

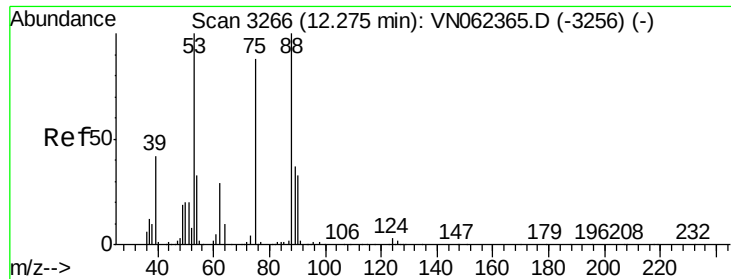
50000

0

12.60 12.70 12.80

Time-->





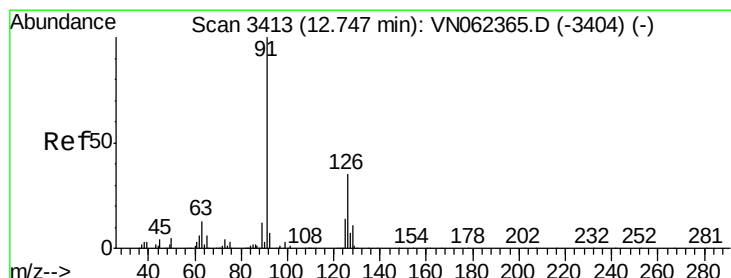
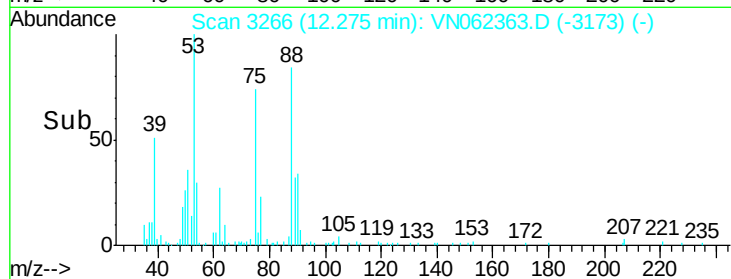
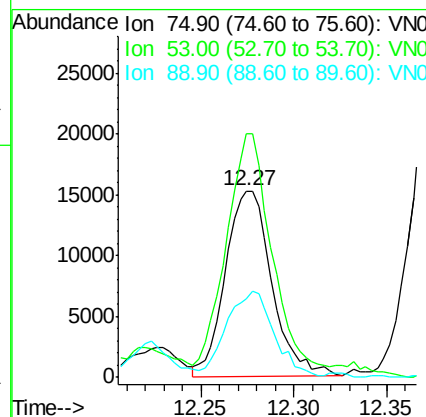
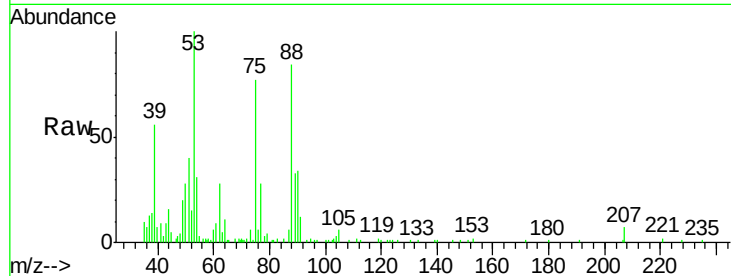
#81
trans-1,4-Dichloro-2-butene
Concen: 4.812 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	119.2	92.3	138.5
89	47.5	37.0	55.4

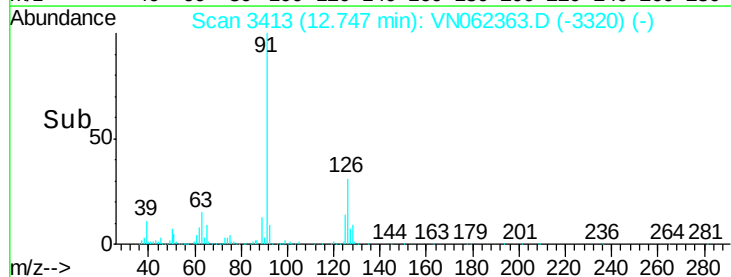
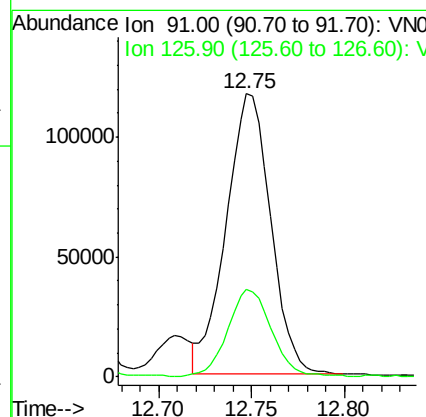
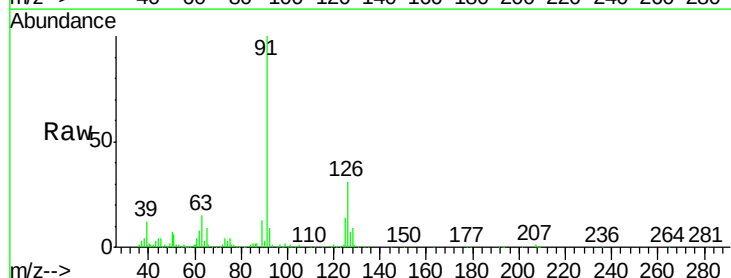
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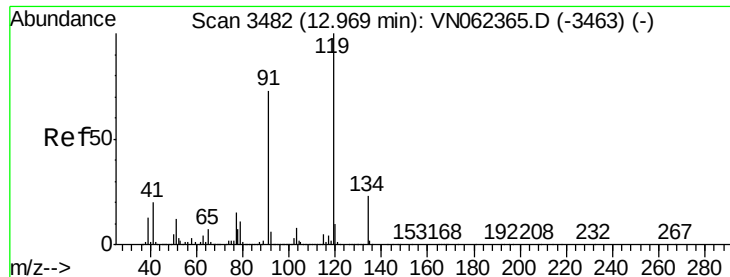
MMDadoda
7/7/2020 10:08:21 AM



#82
4-Chlorotoluene
Concen: 5.165 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.6	46.7





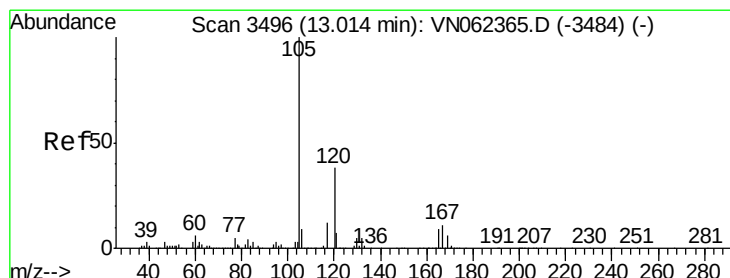
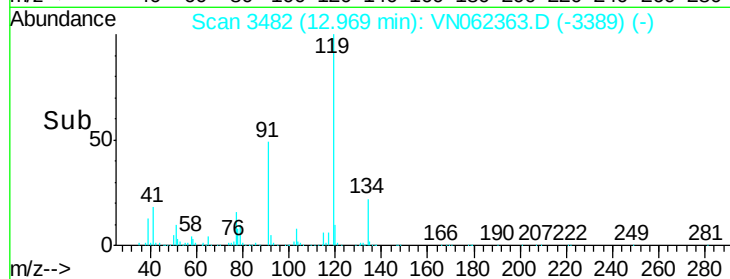
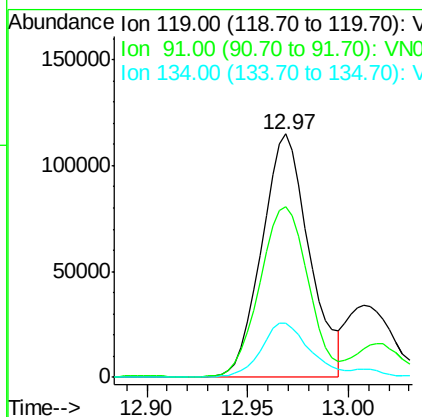
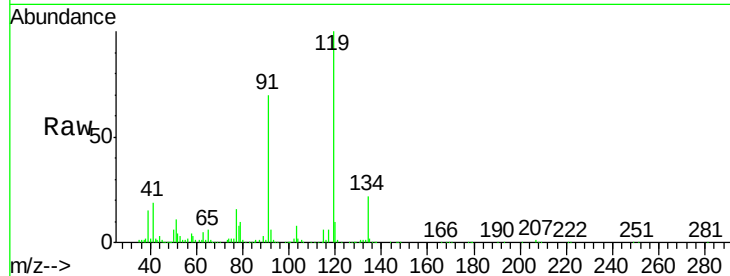
#83
 tert-Butylbenzene
 Concen: 5.181 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	188174		
91	71.2	36.4	109.1	
134	22.9	11.7	35.0	

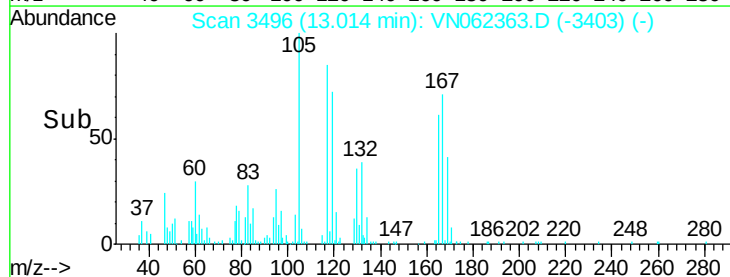
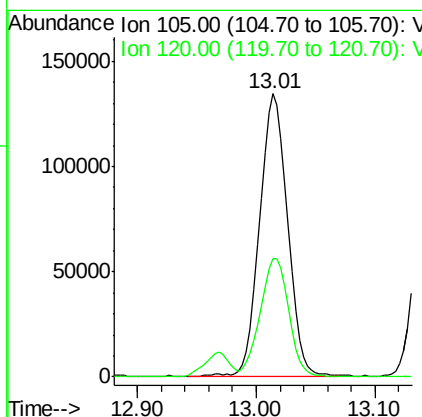
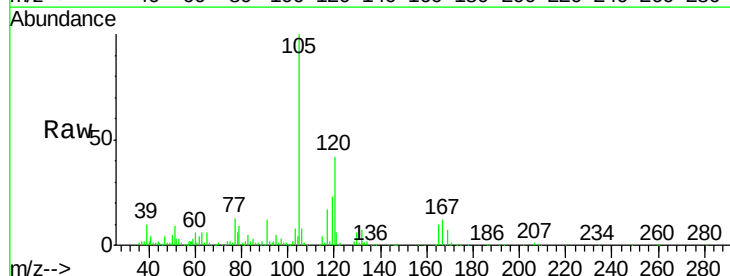
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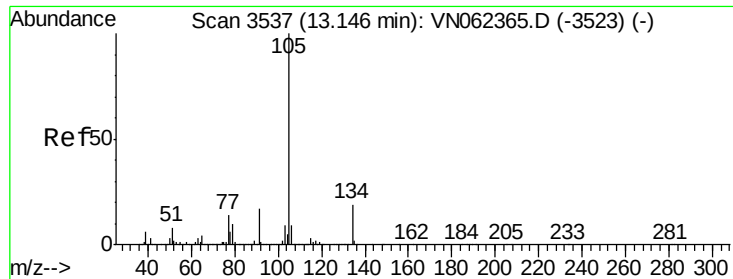
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.182 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220362		
120	42.2	22.1	66.3	





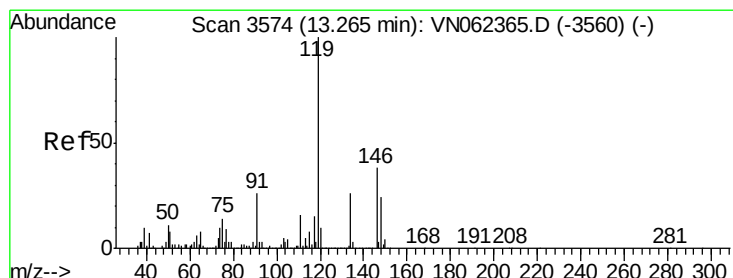
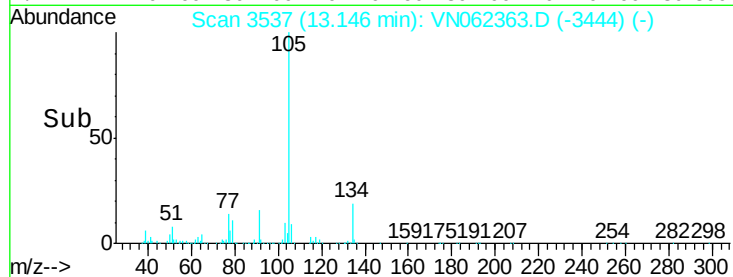
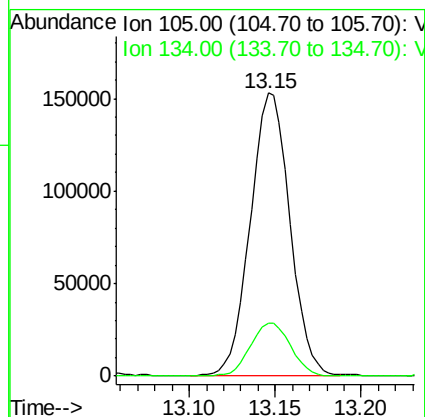
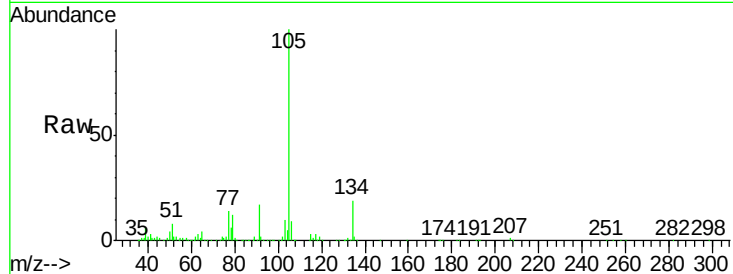
#85
 sec-Butylbenzene
 Concen: 5.034 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
105	100	242822		
134	19.3	9.4	28.2	

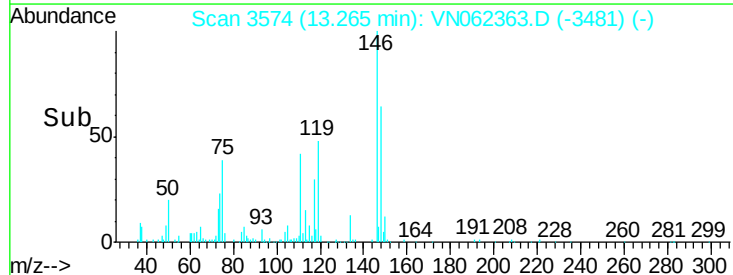
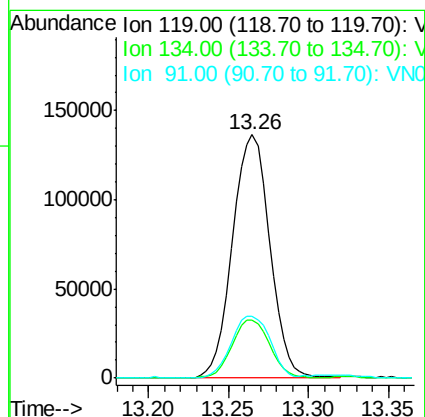
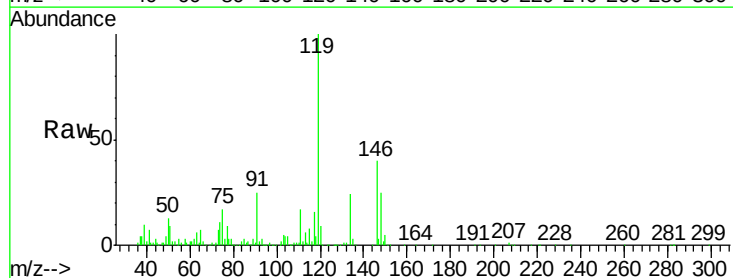
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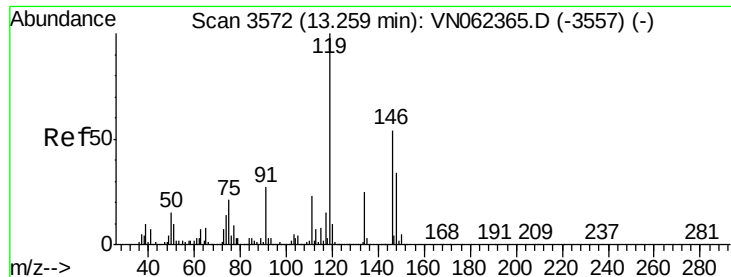
MMDadoda
 7/7/2020 10:08:21 AM



#86
 p-Isopropyltoluene
 Concen: 5.126 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	216127		
134	24.7	12.7	38.1	
91	26.3	13.1	39.3	





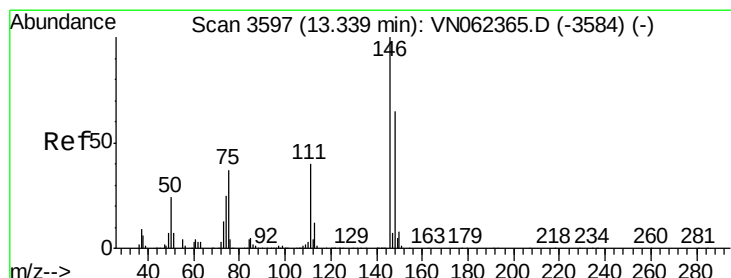
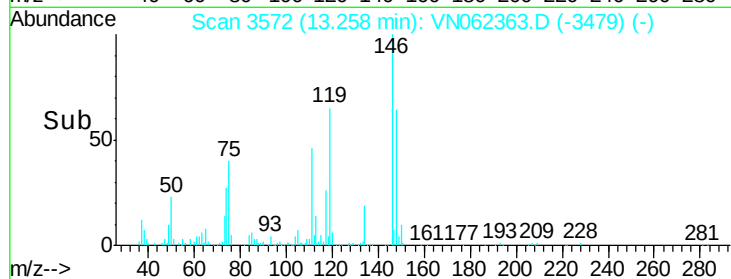
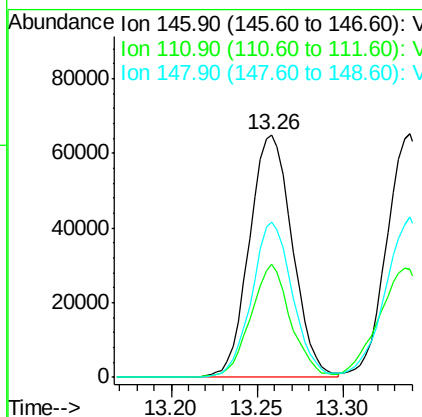
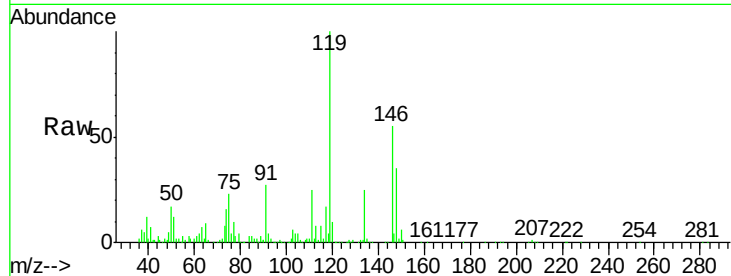
#87
 1,3-Dichlorobenzene
 Concen: 4.948 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.9
148	61.0	31.6	95.0

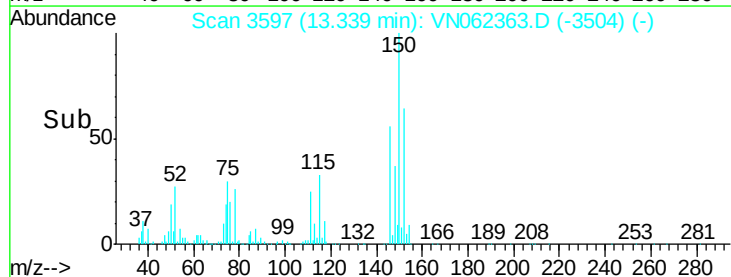
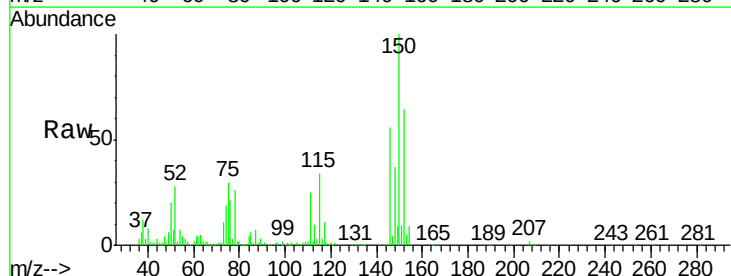
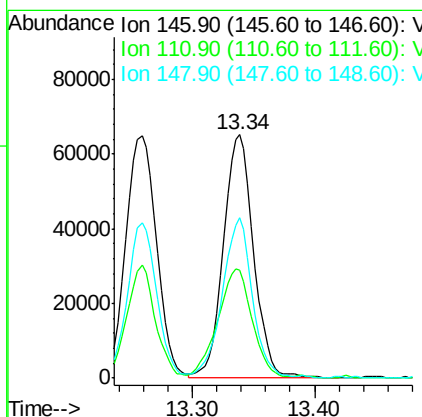
Manual Integrations
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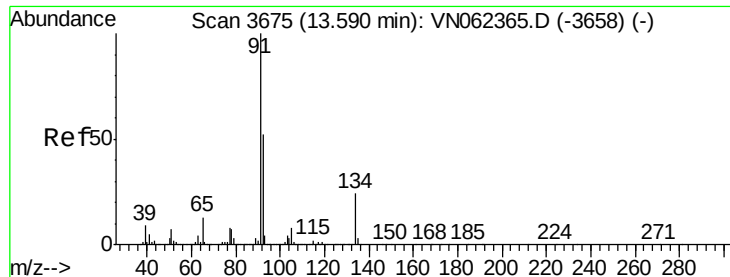
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#88
 1,4-Dichlorobenzene
 Concen: 4.825 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.6	20.6	61.8
148	63.9	31.8	95.4





#89

n-Butylbenzene

Concen: 5.037 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Instrument :

MSVOA_N

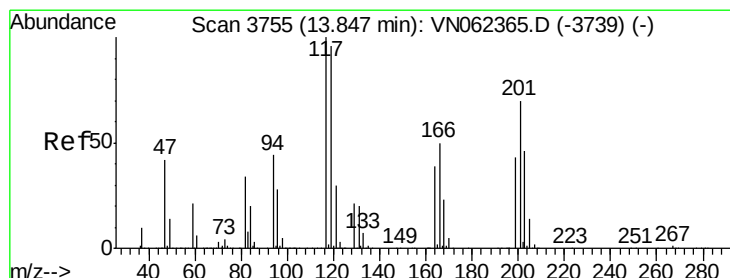
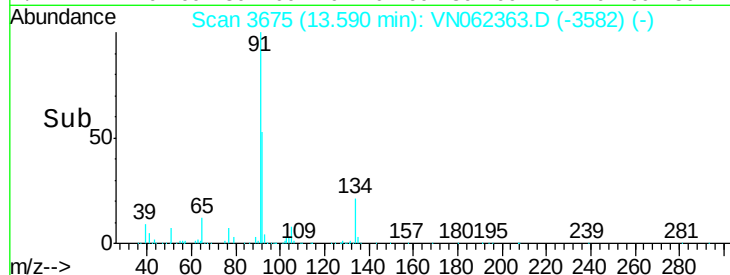
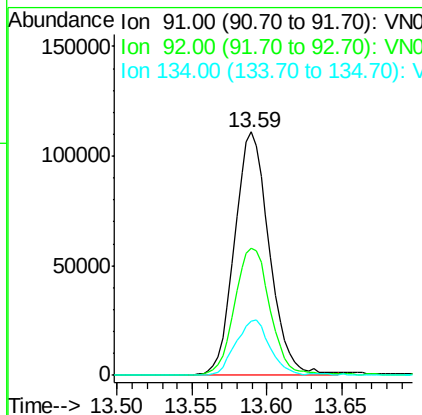
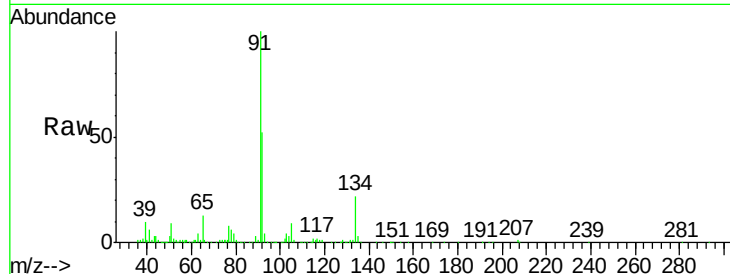
ClientSampled :

VSTDIC005

Tot Ion:	91	Resp:	177880
Ion	Ratio	Lower	Upper
91	100		
92	54.2	25.7	77.1
134	22.5	11.7	35.1

Manual Integrations
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#90

Hexachloroethane

Concen: 5.081 ug/l

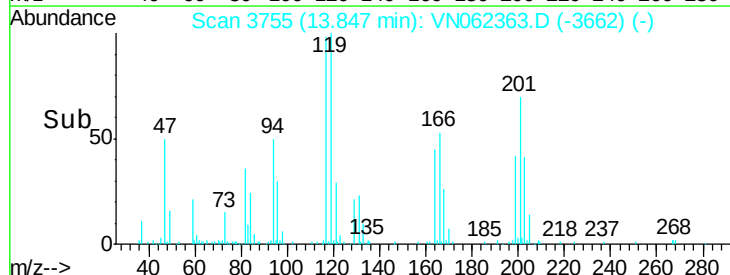
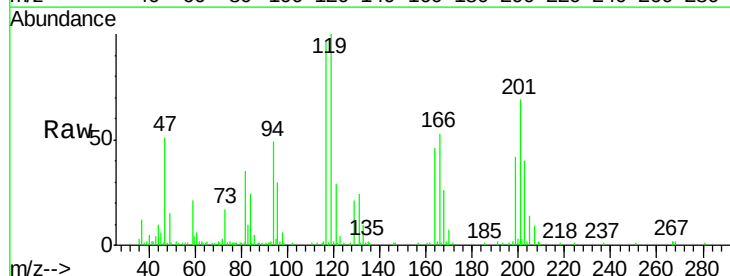
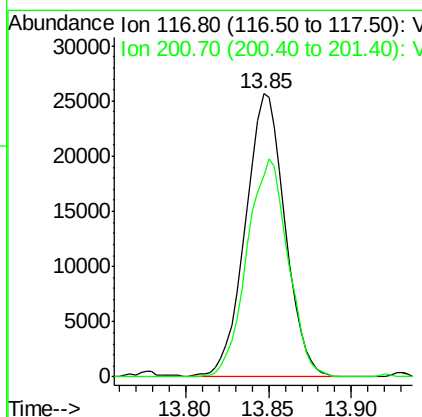
RT: 13.85 min Scan# 3755

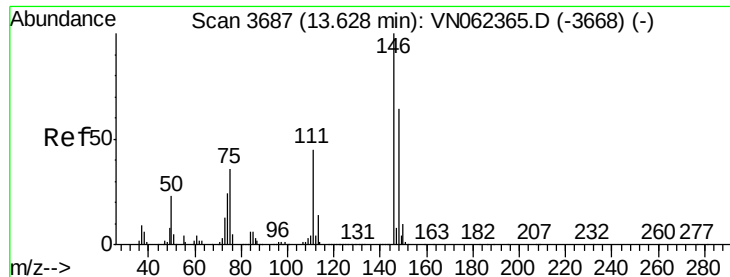
Delta R.T. -0.00 min

Lab File: VN062363.D

Acq: 6 Jul 2020 12:50

Tgt Ion:	117	Resp:	42641
Ion	Ratio	Lower	Upper
117	100		
201	79.7	35.4	106.2





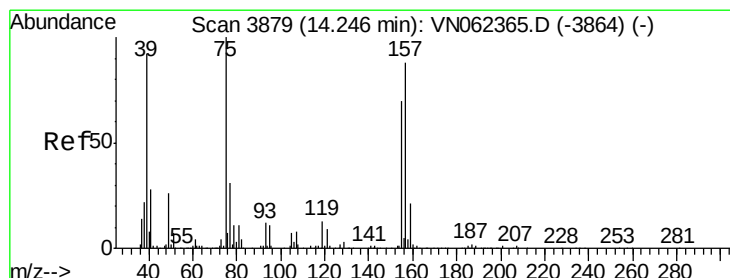
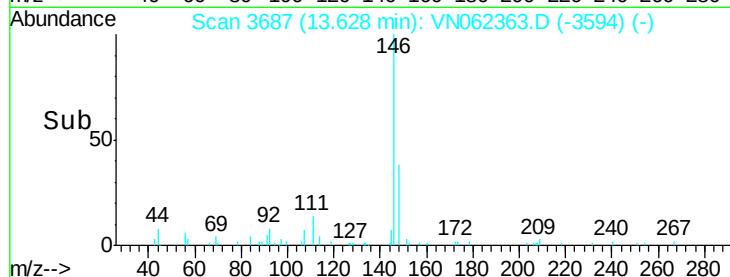
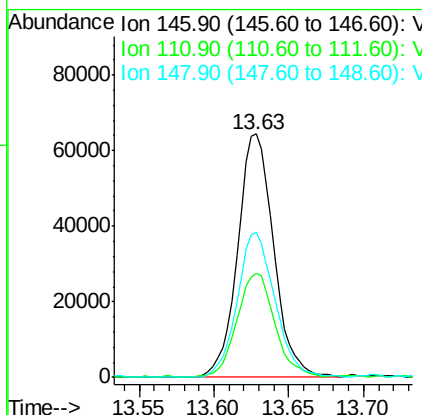
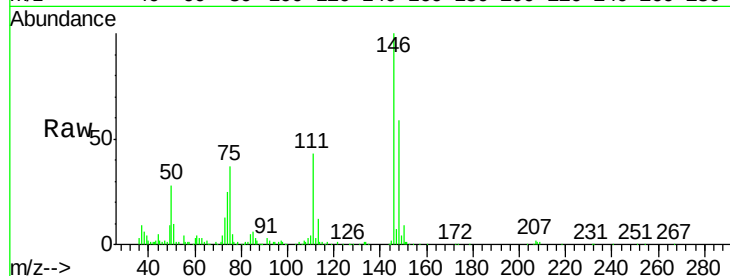
#91
 1,2-Dichlorobenzene
 Concen: 4.908 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.3	66.9
148	62.1	32.4	97.0

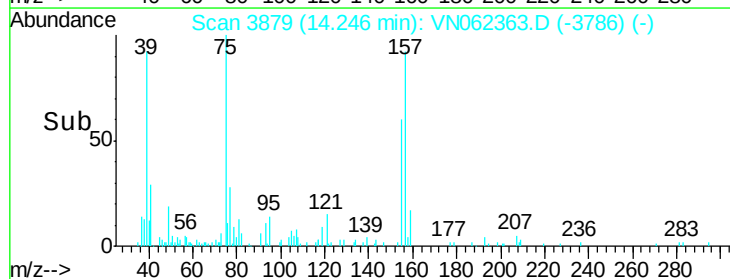
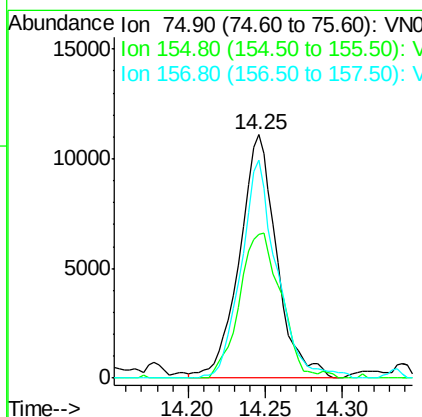
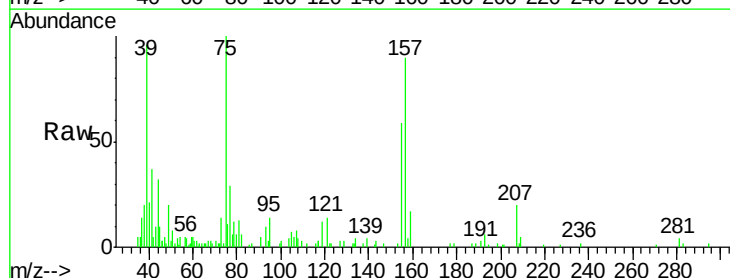
Manual Integrations
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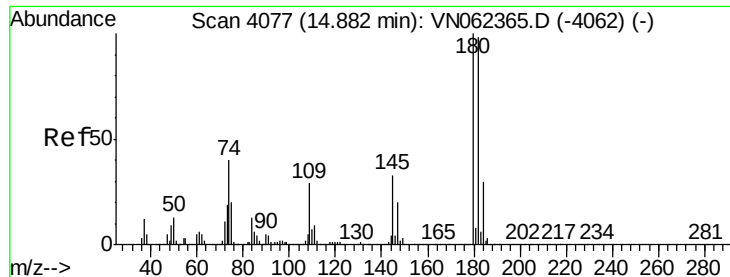
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.409 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.7	34.1	102.2
157	86.2	43.3	129.8





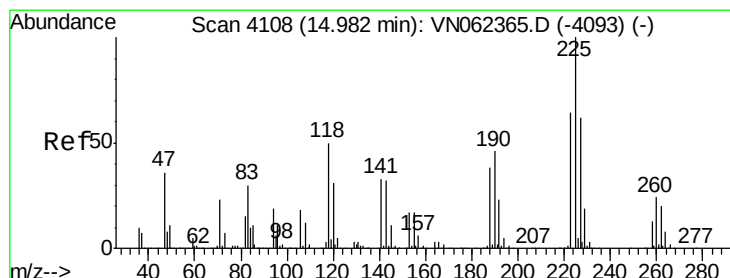
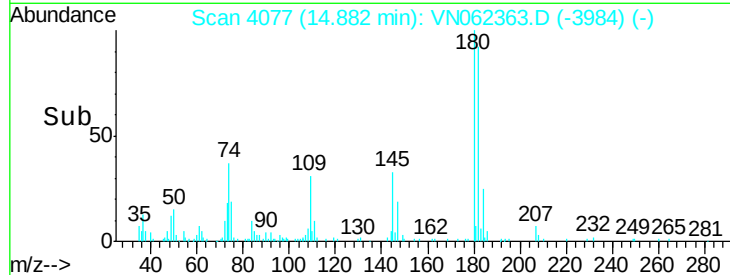
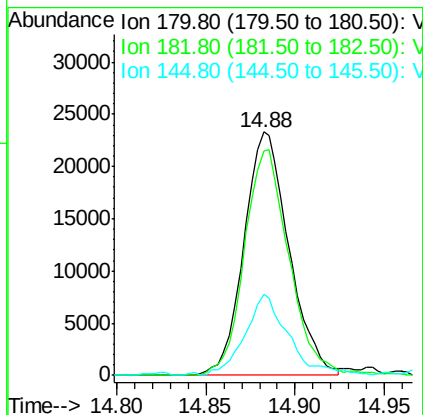
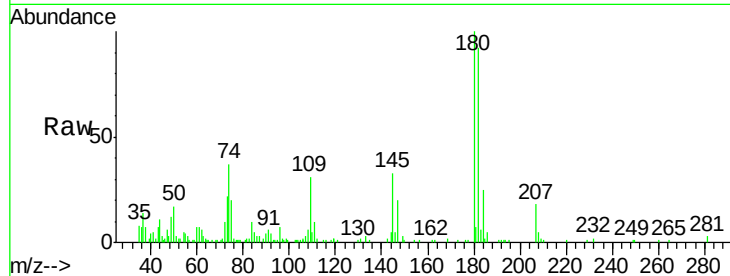
#93
 1,2,4-Trichlorobenzene
 Concen: 4.201 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.6	142.8
145	32.3	15.9	47.7

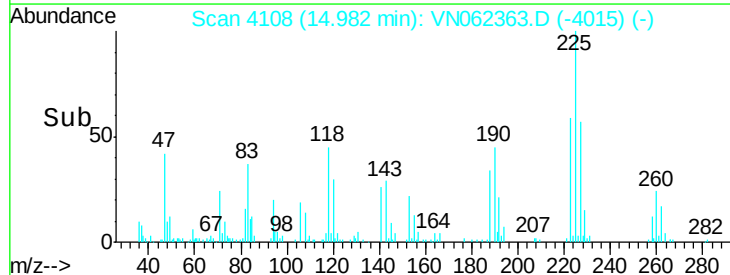
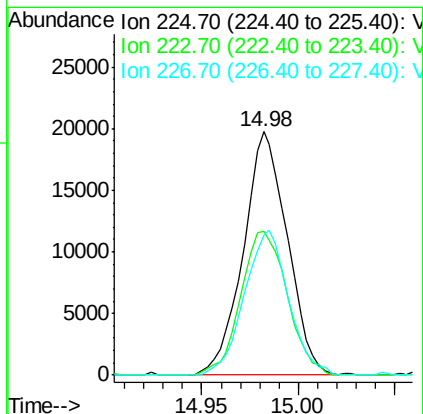
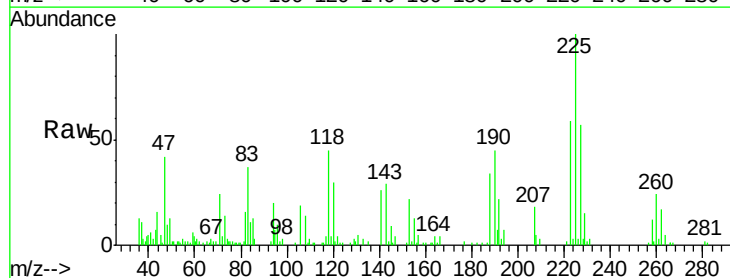
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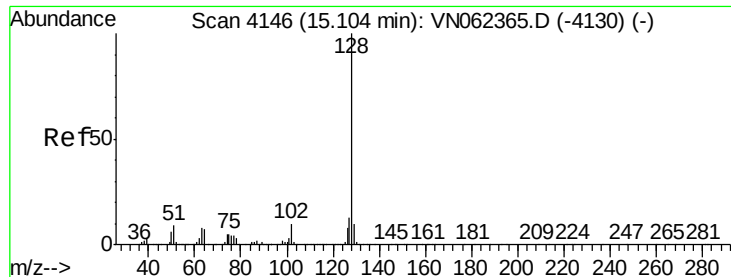
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#94
 Hexachlorobutadiene
 Concen: 6.993 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062363.D
 Acq: 6 Jul 2020 12:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.7	95.1
227	59.4	30.3	90.8





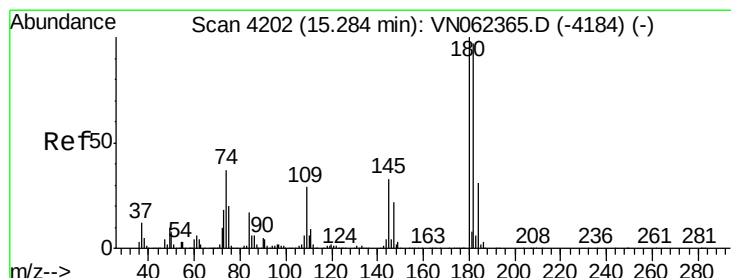
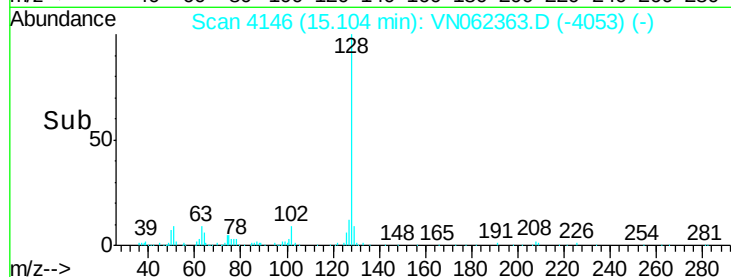
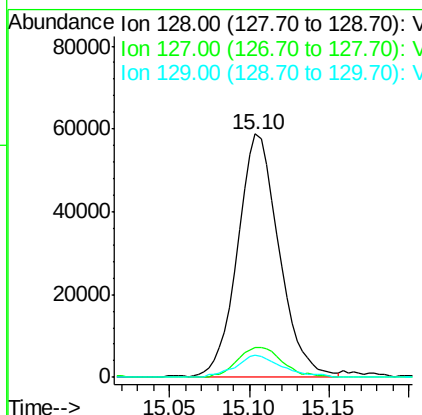
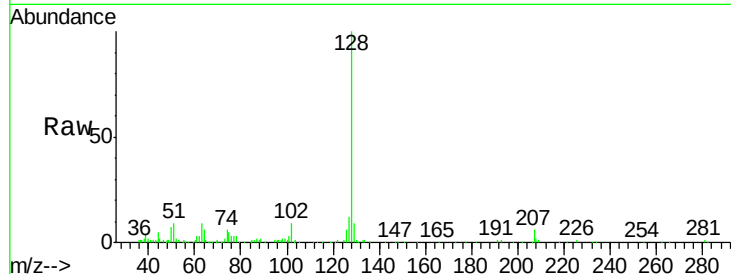
#95
Naphthalene
Concen: 3.662 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:	128	Resp:	102464
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.8	16.2
129	10.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
7/7/2020 10:08:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.057 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062363.D
Acq: 6 Jul 2020 12:50

Tgt Ion:	180	Resp:	40350
Ion Ratio	Lower	Upper	
180	100		
182	101.2	47.9	143.7
145	37.7	16.4	49.2

