

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063357.D
 Acq On : 16 Sep 2020 10:34
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:07:46 PM

Quant Time: Sep 16 12:26:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	283880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	495122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187035	50.00	ug/l	0.00

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	3075	1.092	ug/l	96
3) Chloromethane	2.03	50	5014	1.213	ug/l	99
4) Vinyl Chloride	2.16	62	3417	0.889	ug/l	95
6) Chloroethane	2.67	64	2613	1.056	ug/l	92
7) Trichlorofluoromethane	2.98	101	5271	0.890	ug/l	99
8) Diethyl Ether	3.37	74	2155	0.999	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.73	101	3008m	0.962	ug/l	
12) 1,1-Dichloroethene	3.69	96	3313	1.056	ug/l	83
14) Allyl chloride	4.27	41	5486	0.854	ug/l #	78
15) Acrylonitrile	4.94	53	7837m	4.818	ug/l	
16) Acetone	3.79	43	9277	6.012	ug/l	97
17) Carbon Disulfide	4.01	76	9267	0.956	ug/l #	93
18) Methyl Acetate	4.28	43	3399	0.873	ug/l #	89
19) Methyl tert-butyl Ether	5.00	73	12376m	1.103	ug/l	
20) Methylene Chloride	4.50	84	4550	1.152	ug/l	84
21) trans-1,2-Dichloroethene	4.99	96	3668	1.047	ug/l #	61
22) Diisopropyl ether	5.90	45	12669	1.008	ug/l	92
23) Vinyl Acetate	5.85	43	45731	4.599	ug/l	97
24) 1,1-Dichloroethane	5.80	63	6657	0.970	ug/l #	90
25) 2-Butanone	6.79	43	11684	5.105	ug/l	94
26) 2,2-Dichloropropane	6.78	77	6336	1.056	ug/l #	70
27) cis-1,2-Dichloroethene	6.78	96	3991	0.978	ug/l	88
28) Bromochloromethane	7.15	49	2650m	0.804	ug/l	
29) Tetrahydrofuran	7.17	42	7847	5.263	ug/l #	73
30) Chloroform	7.32	83	7022	1.026	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	6111	1.020	ug/l #	54
36) 1,1-Dichloropropene	7.75	75	5078	0.989	ug/l	94
37) Ethyl Acetate	6.88	43	4480	0.884	ug/l #	81
38) Carbon Tetrachloride	7.73	117	4870	0.958	ug/l	99
39) Methylcyclohexane	9.04	83	5584	0.998	ug/l	86
40) Benzene	8.00	78	14598	0.997	ug/l	92
41) Methacrylonitrile	7.14	41	2496m	1.082	ug/l	
42) 1,2-Dichloroethane	8.09	62	5562	0.991	ug/l	91
43) Isopropyl Acetate	8.13	43	9497	1.104	ug/l #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	3737	0.991	ug/l	100
45) 1,2-Dichloropropane	9.09	63	3913	0.973	ug/l	90
46) Dibromomethane	9.18	93	2368	0.904	ug/l	94
47) Bromodichloromethane	9.37	83	4896	0.900	ug/l #	97
48) Methyl methacrylate	9.17	41	4691	1.135	ug/l #	76
49) 1,4-Dioxane	9.18	88	1357	21.317	ug/l #	64
51) 4-Methyl-2-Pentanone	9.96	43	23150	4.891	ug/l	97
52) Toluene	10.12	92	7807	0.871	ug/l	90
53) t-1,3-Dichloropropene	10.35	75	5662	0.953	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	5829	0.912	ug/l	95
55) 1,1,2-Trichloroethane	10.54	97	3405	0.970	ug/l	92
56) Ethyl methacrylate	10.40	69	4899	0.919	ug/l	95
57) 1,3-Dichloropropane	10.68	76	6120	0.997	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	14114	4.922	ug/l	98
59) 2-Hexanone	10.73	43	16709	4.790	ug/l	99
60) Dibromochloromethane	10.87	129	3545	0.919	ug/l	98
61) 1,2-Dibromoethane	10.98	107	3413	0.932	ug/l	100
64) Tetrachloroethene	10.60	164	2925	0.862	ug/l	97
65) Chlorobenzene	11.41	112	8844	0.962	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	2950	0.879	ug/l #	58
67) Ethyl Benzene	11.49	91	16348	0.988	ug/l	94
68) m/p-Xylenes	11.59	106	11573	1.888	ug/l	98
69) o-Xylene	11.92	106	5364	0.914	ug/l	96
70) Styrene	11.94	104	8336	0.852	ug/l	97
71) Bromoform	12.11	173	2076	0.883	ug/l #	96
73) Isopropylbenzene	12.22	105	13809	0.915	ug/l	96
74) N-amyl acetate	12.05	43	6298	1.006	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.48	83	4566	1.045	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	5293m	1.258	ug/l	
77) Bromobenzene	12.50	156	3176	0.917	ug/l	78
78) n-propylbenzene	12.57	91	16312	0.953	ug/l	95
79) 2-Chlorotoluene	12.65	91	10328	0.982	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	10701	0.854	ug/l	91
82) 4-Chlorotoluene	12.75	91	10654	0.964	ug/l	96
83) tert-Butylbenzene	12.97	119	9669	0.912	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	11024	0.872	ug/l	90
85) sec-Butylbenzene	13.15	105	12565	0.930	ug/l	100
86) p-Isopropyltoluene	13.26	119	10885	0.881	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	5894	0.930	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	6109m	0.926	ug/l	
89) n-Butylbenzene	13.59	91	10002	0.895	ug/l	92
90) Hexachloroethane	13.85	117	2165	1.051	ug/l	76
91) 1,2-Dichlorobenzene	13.63	146	5501	0.877	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1034	1.034	ug/l	96
93) 1,2,4-Trichlorobenzene	14.89	180	3181	0.861	ug/l	98
94) Hexachlorobutadiene	14.98	225	1316	0.832	ug/l	92
95) Naphthalene	15.11	128	10414	0.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	3216	0.889	ug/l	90

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VSTDICC001

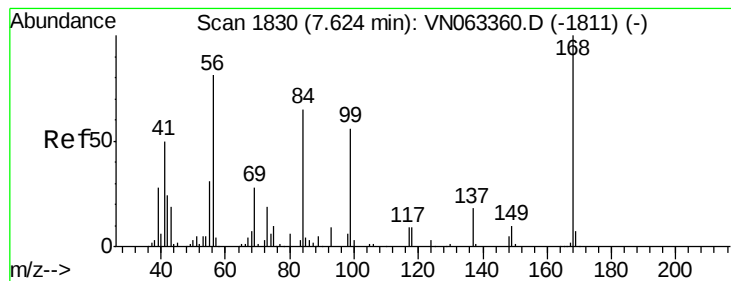
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 283880

Ion Ratio Lower Upper

168 100

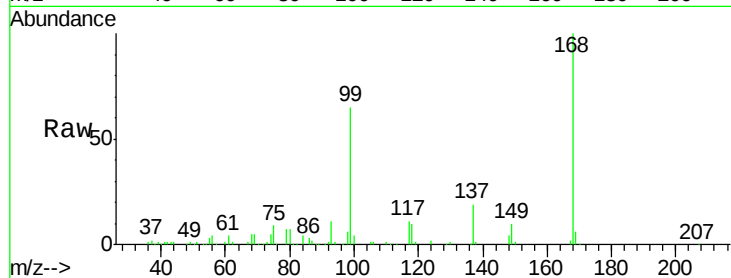
99 64.8 53.0 79.6

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

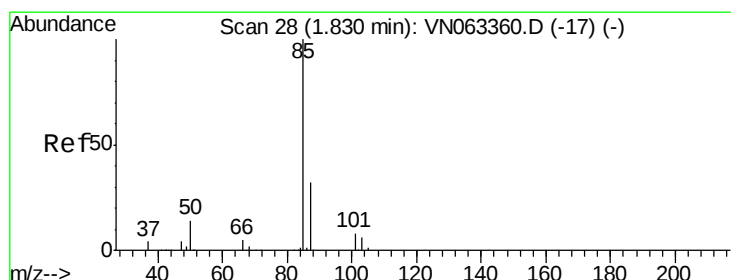
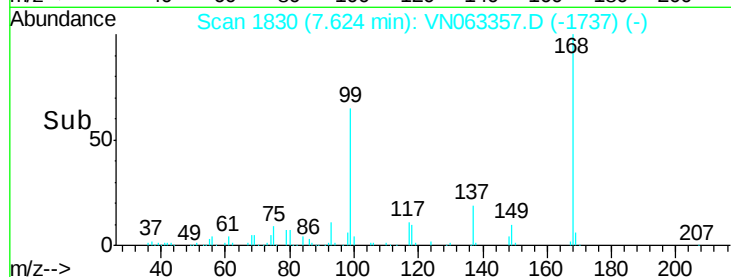
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.092 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063357.D

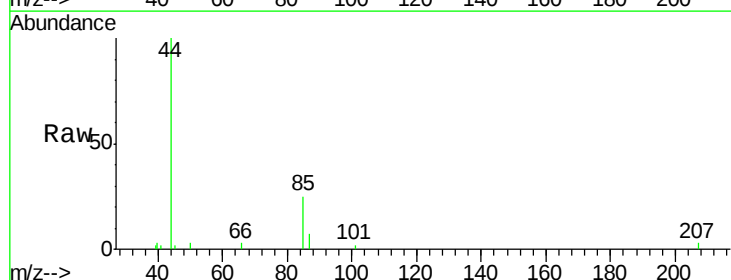
Acq: 16 Sep 2020 10:34

Tgt Ion: 85 Resp: 3075

Ion Ratio Lower Upper

85 100

87 29.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

2500

2000

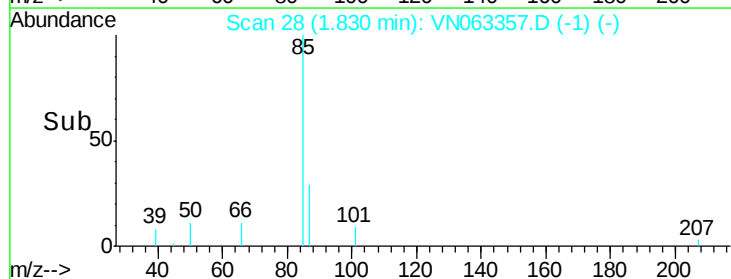
1500

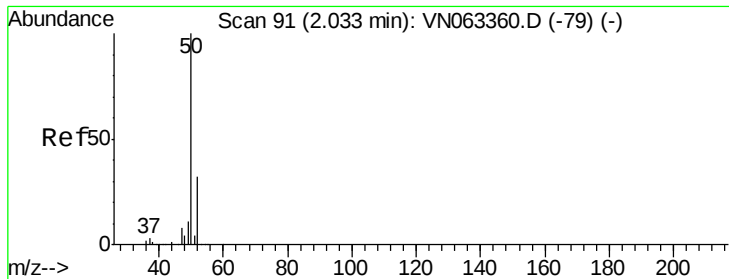
1000

500

0

Time--> 1.80 1.85





#3

Chloromethane

Concen: 1.213 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5014

Ion Ratio Lower Upper

50 100

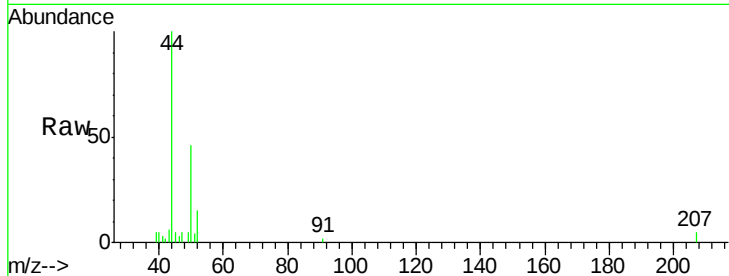
52 32.9 25.9 38.9

Manual Integrations

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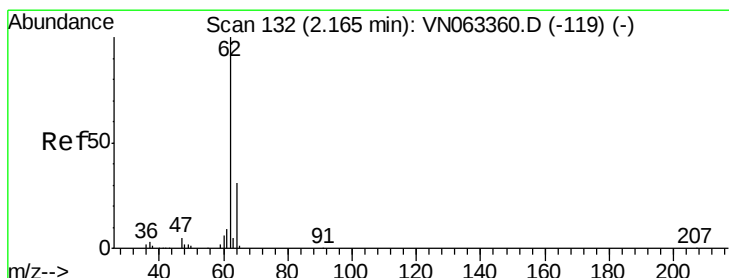
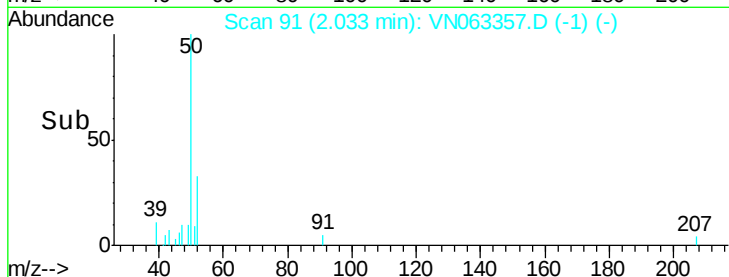
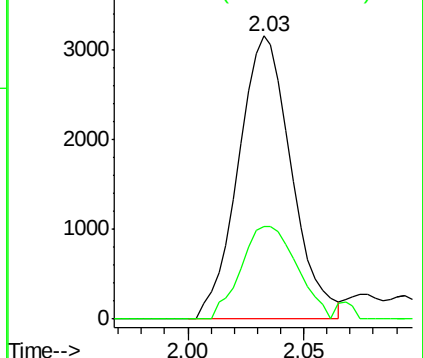
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 0.889 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063357.D

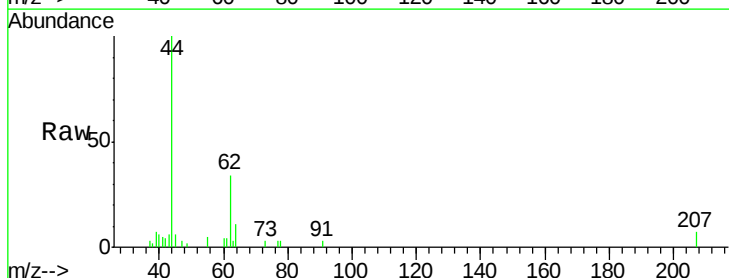
Acq: 16 Sep 2020 10:34

Tgt Ion: 62 Resp: 3417

Ion Ratio Lower Upper

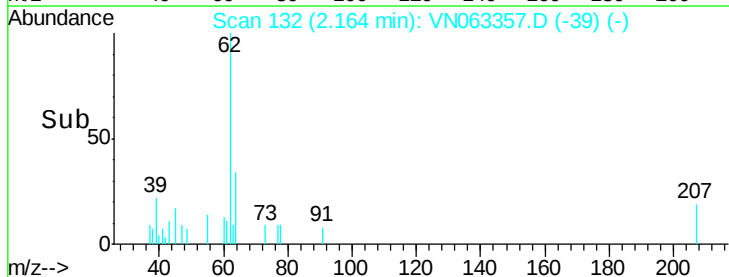
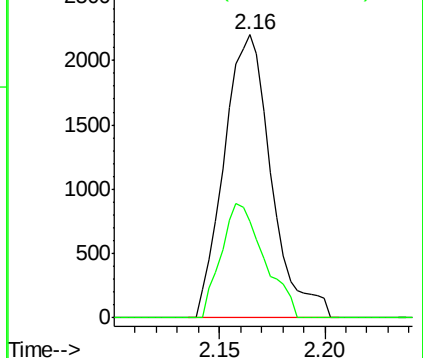
62 100

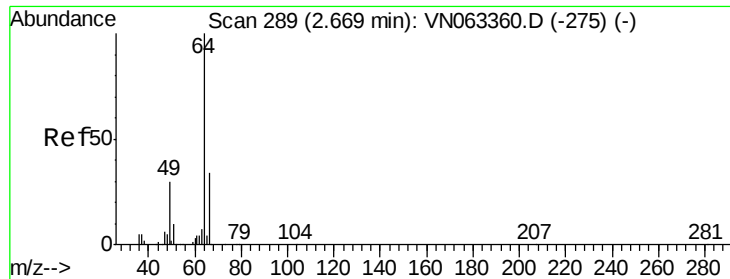
64 34.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#6

Chloroethane

Concen: 1.056 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2613

Ion Ratio Lower Upper

64 100

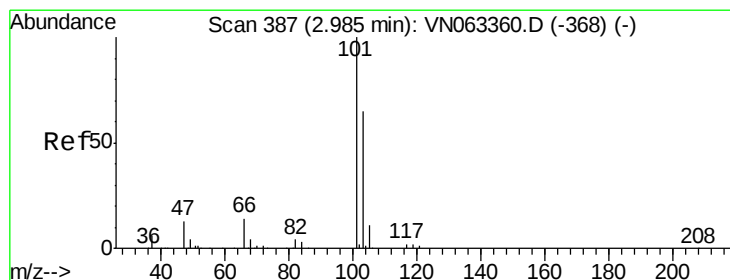
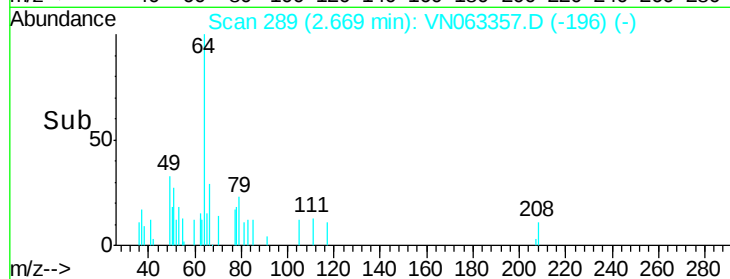
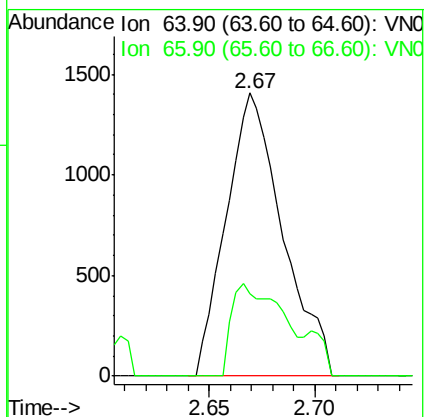
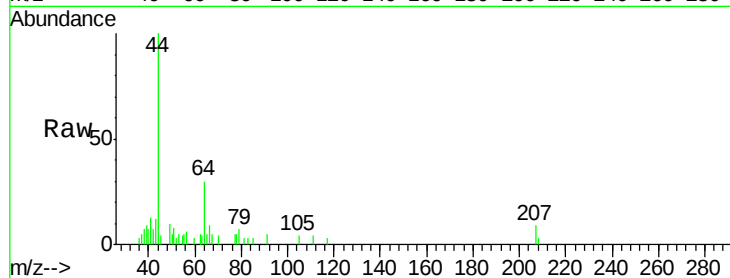
66 29.1 26.9 40.3

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 0.890 ug/l

RT: 2.98 min Scan# 385

Delta R.T. -0.01 min

Lab File: VN063357.D

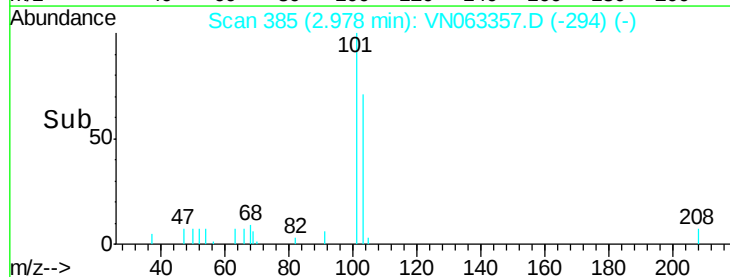
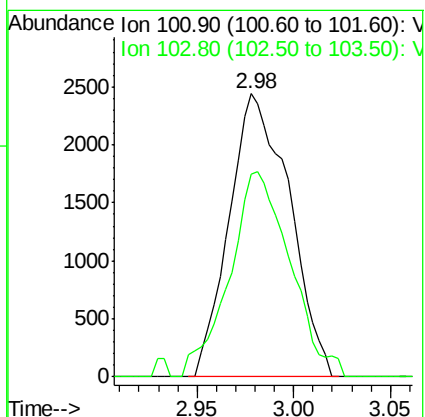
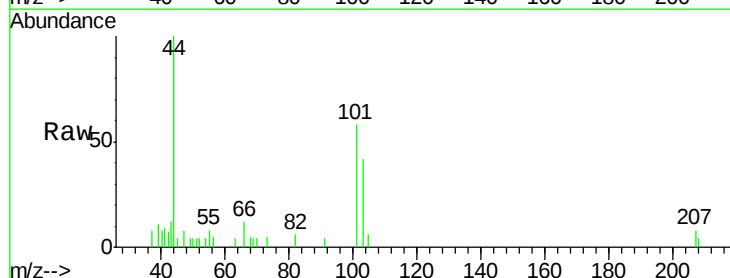
Acq: 16 Sep 2020 10:34

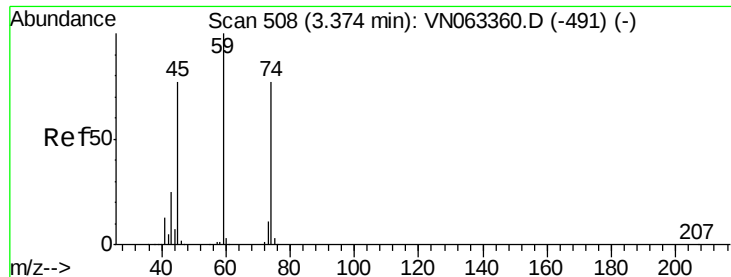
Tgt Ion: 101 Resp: 5271

Ion Ratio Lower Upper

101 100

103 64.9 52.3 78.5





#8

Diethyl Ether

Concen: 0.999 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 2155

Ion Ratio Lower Upper

74 100

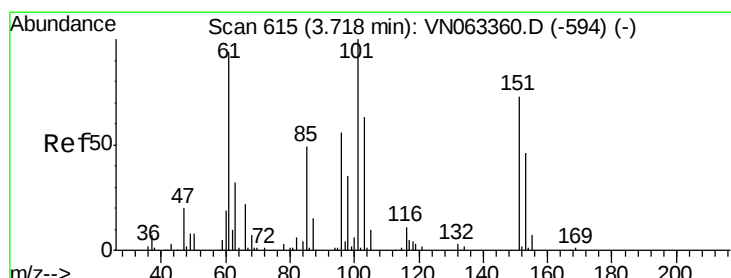
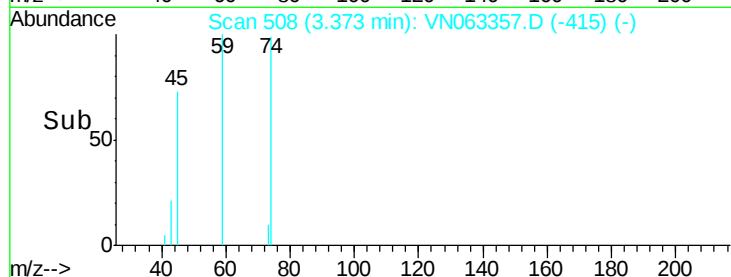
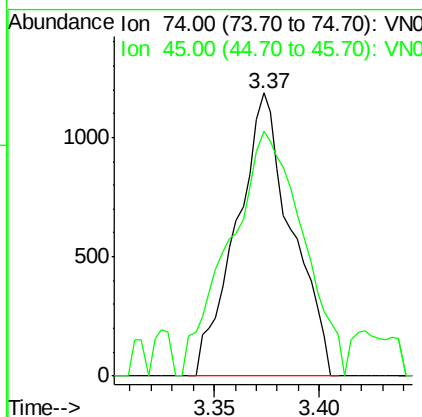
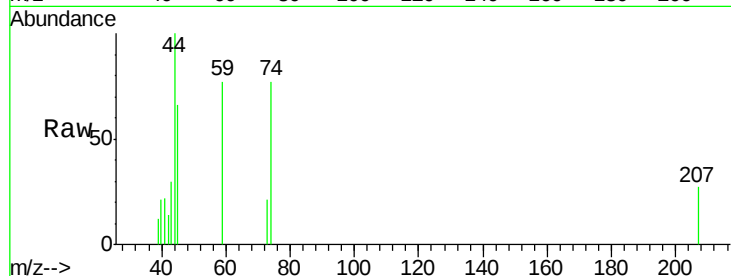
45 114.8 52.1 156.4

Manual Integrations

APPROVED

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.962 ug/l m

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

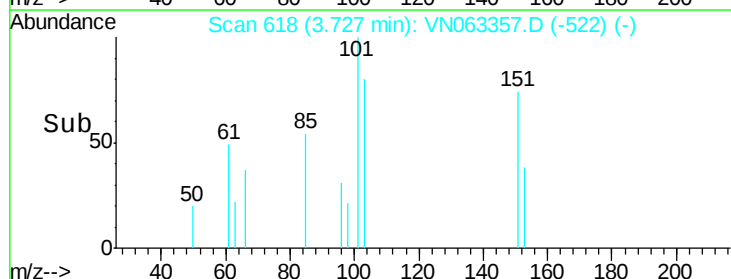
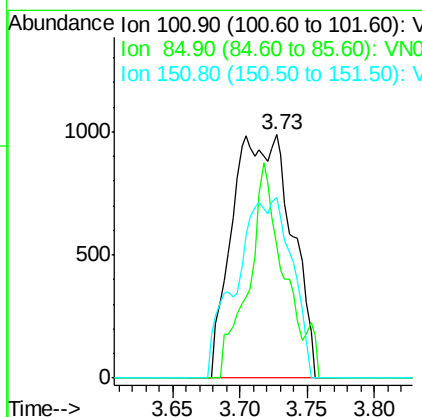
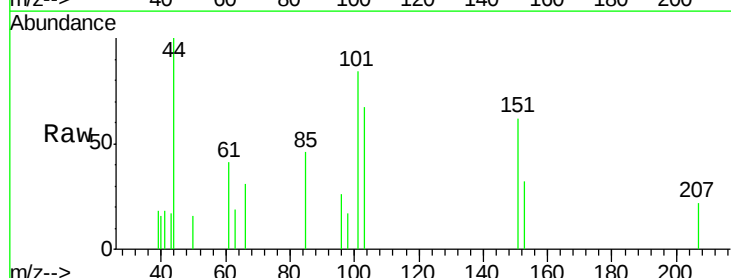
Tgt Ion: 101 Resp: 3008

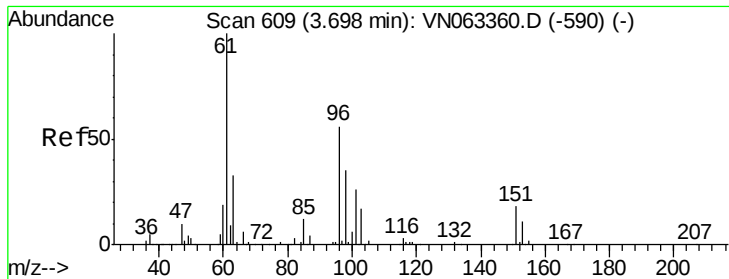
Ion Ratio Lower Upper

101 100

85 50.5 37.7 56.5

151 41.9 57.7 86.5#





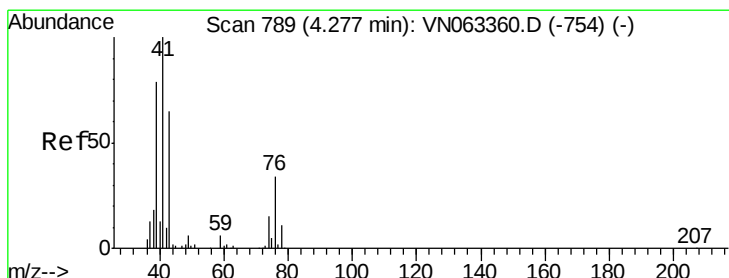
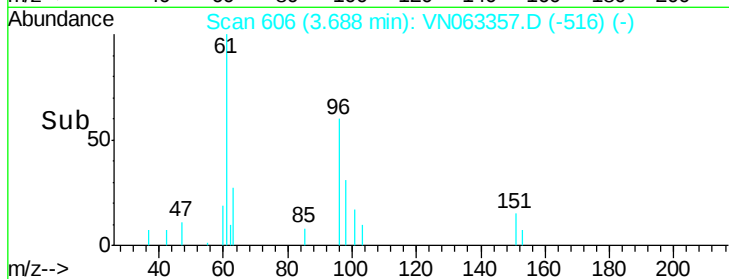
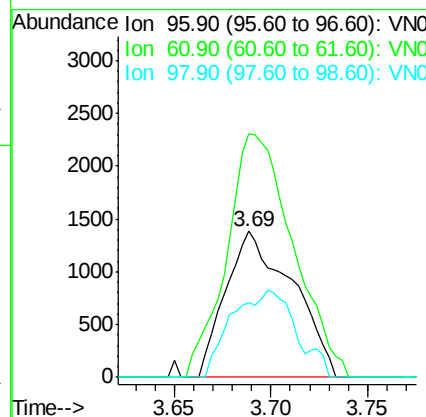
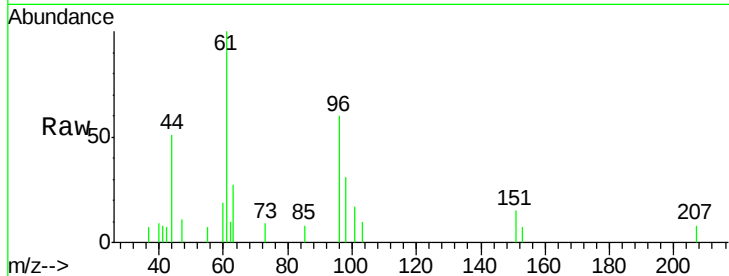
#12
 1,1-Dichloroethene
 Concen: 1.056 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.5	143.4	215.2
98	50.9	50.6	76.0

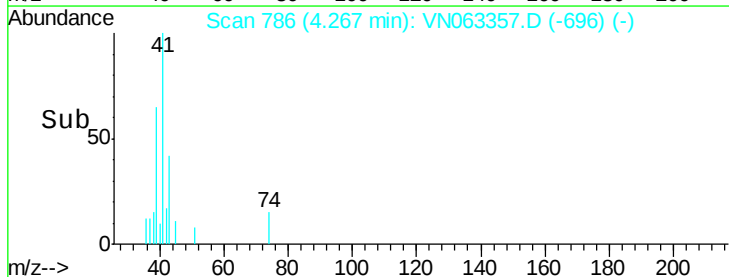
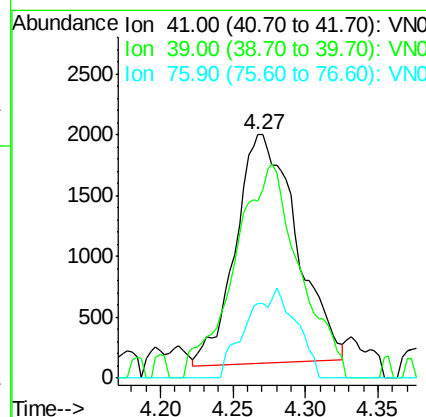
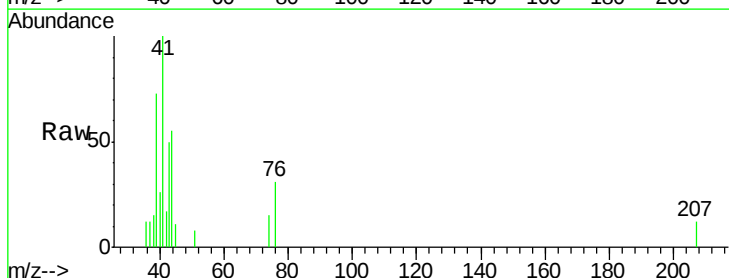
Manual Integrations
 APPROVED

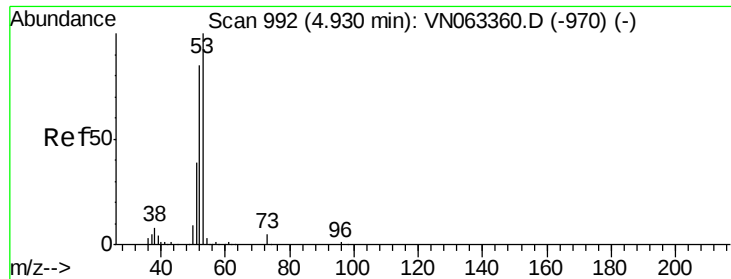
MMDadoda
 9/17/2020 1:07:46 PM



#14
 Allyl chloride
 Concen: 0.854 ug/l
 RT: 4.27 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
41	100		
39	100.1	59.3	88.9#
76	31.9	25.3	37.9





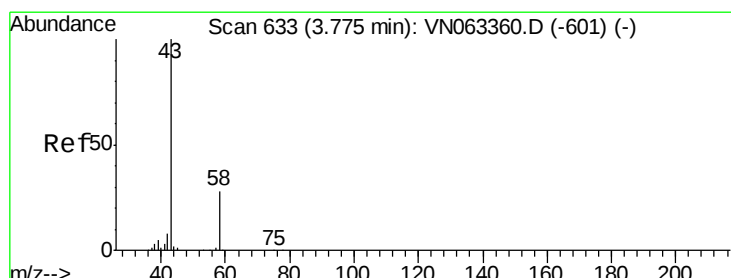
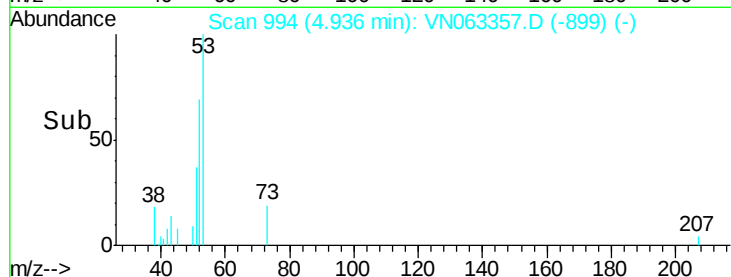
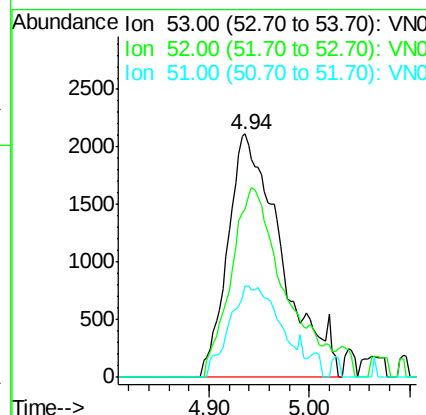
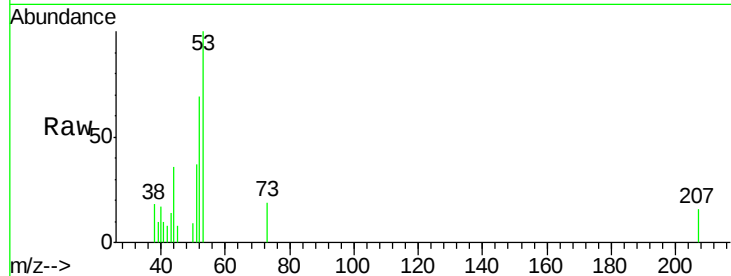
#15
 Acrylonitrile
 Concen: 4.818 ug/l m
 RT: 4.94 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:	53	Resp:	7837
Ion	Ratio	Lower	Upper
53	100		
52	77.8	66.4	99.6
51	36.3	30.2	45.4

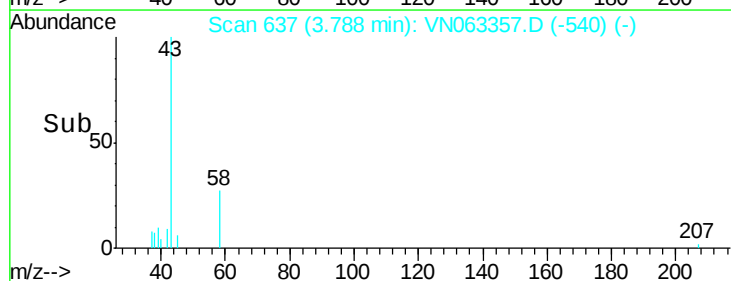
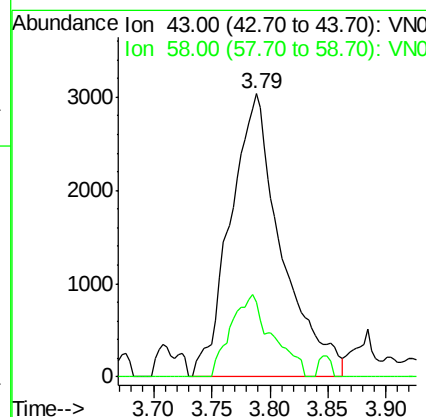
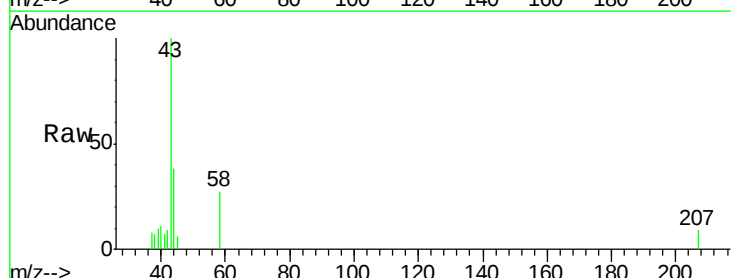
Manual Integrations
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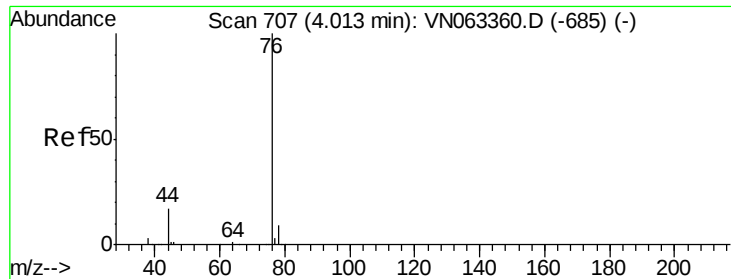
MMDadoda
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#16
 Acetone
 Concen: 6.012 ug/l
 RT: 3.79 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion:	43	Resp:	9277
Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.3	33.5





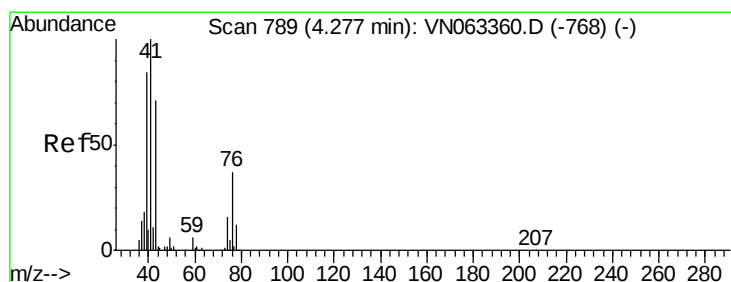
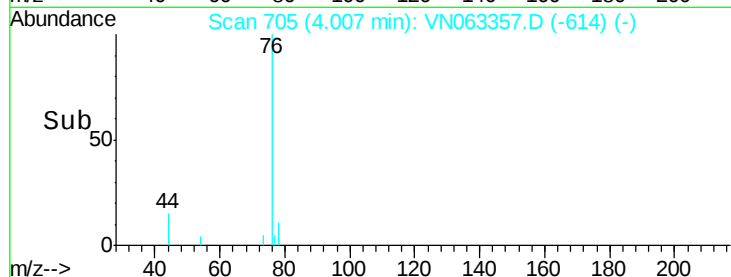
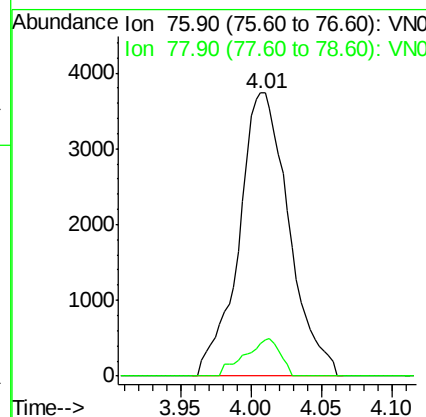
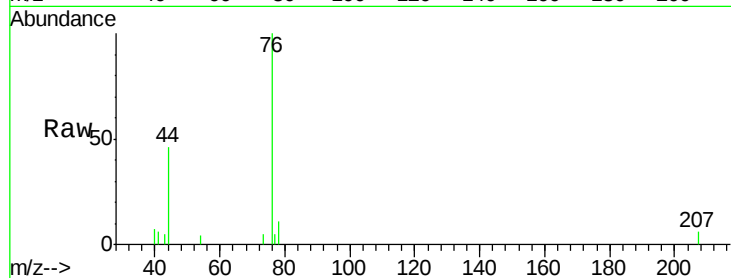
#17
Carbon Disulfide
Concen: 0.956 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 9267
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8#

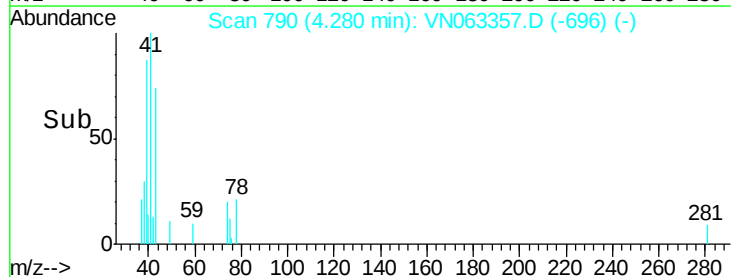
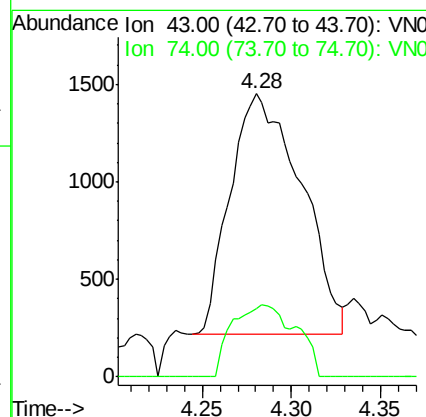
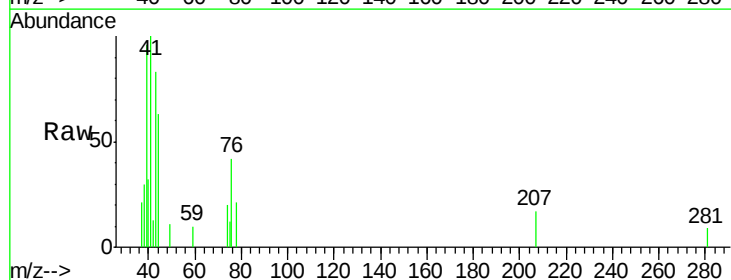
Manual Integrations
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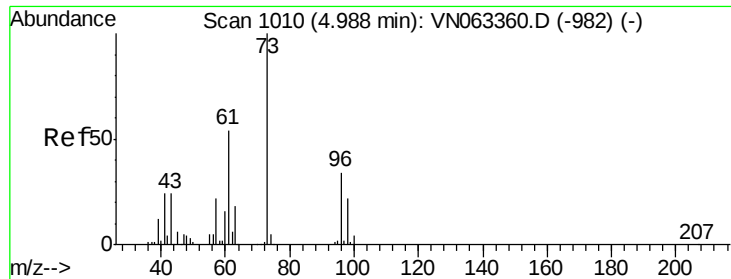
MMDadoda
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#18
Methyl Acetate
Concen: 0.873 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 43 Resp: 3399
Ion Ratio Lower Upper
43 100
74 26.9 17.4 26.2#





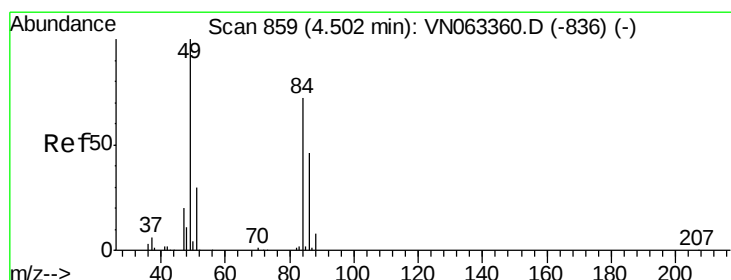
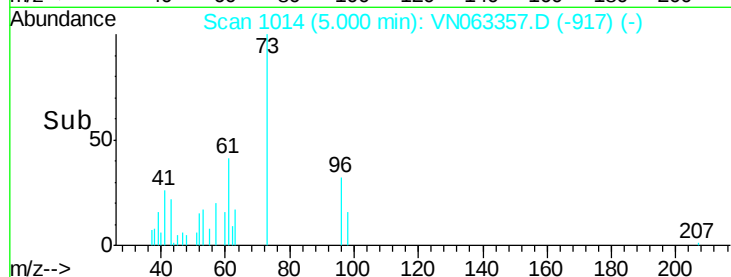
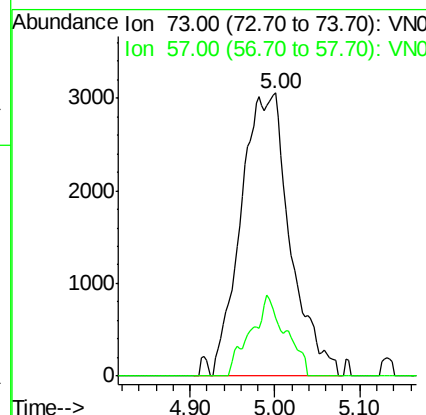
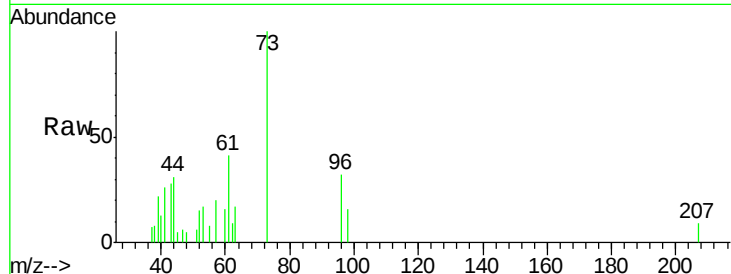
#19
Methyl tert-butyl Ether
Concen: 1.103 ug/l m
RT: 5.00 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 12376
Ion Ratio Lower Upper
73 100
57 20.3 17.9 26.9

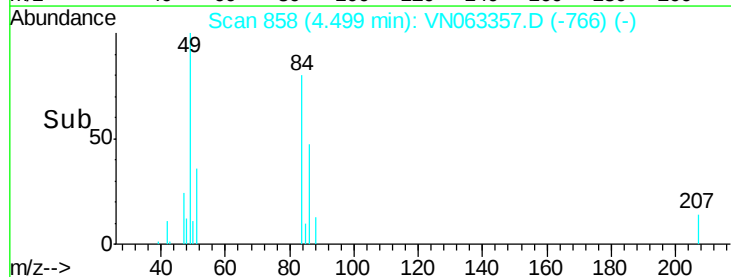
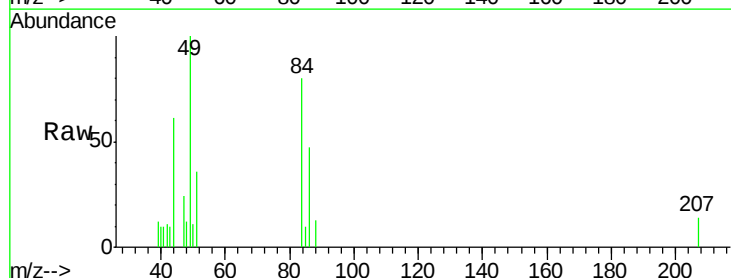
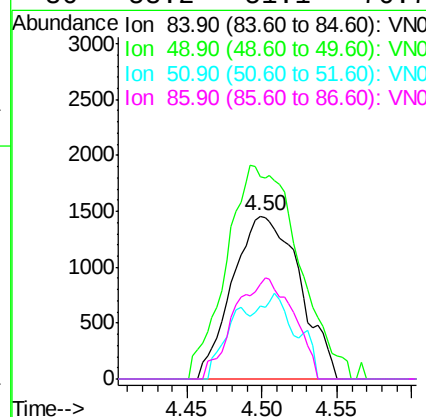
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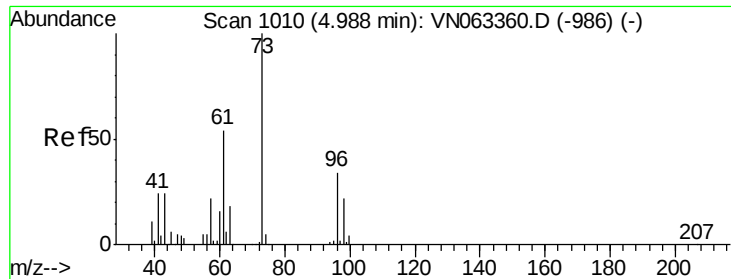
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#20
Methylene Chloride
Concen: 1.152 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 84 Resp: 4550
Ion Ratio Lower Upper
84 100
49 111.3 110.7 166.1
51 44.8 32.9 49.3
86 58.2 51.1 76.7





#21

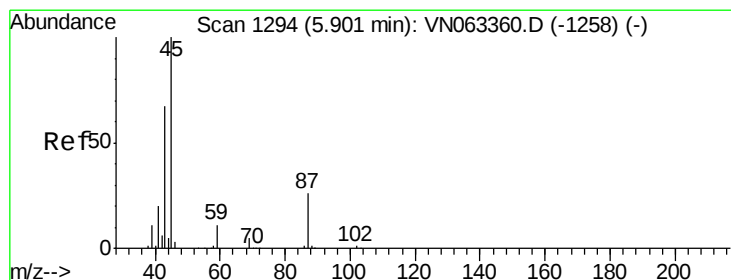
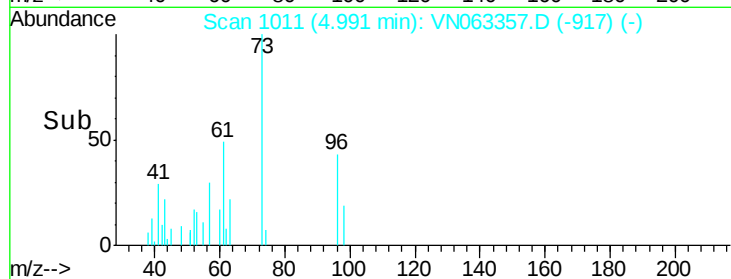
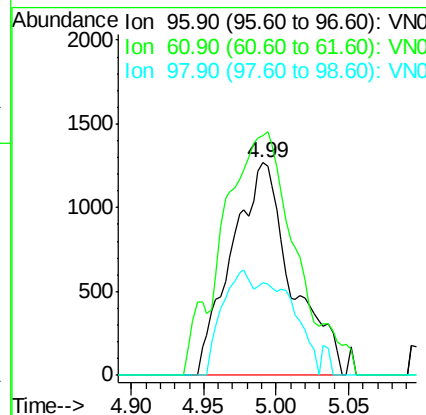
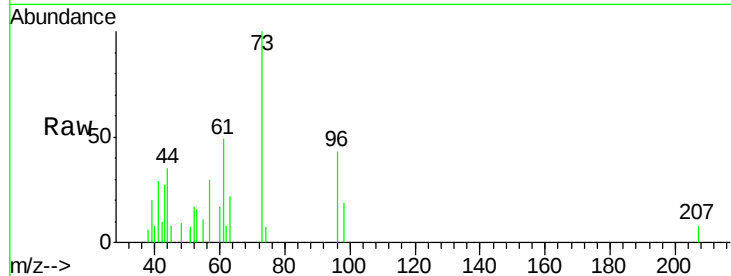
trans-1,2-Dichloroethene
Concen: 1.047 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	99.2	126.2	189.4#
98	43.4	51.0	76.4#

Manual Integrations
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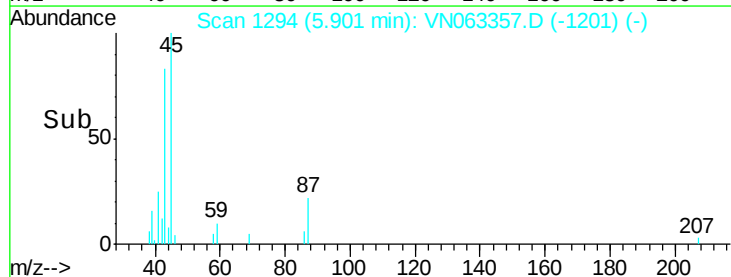
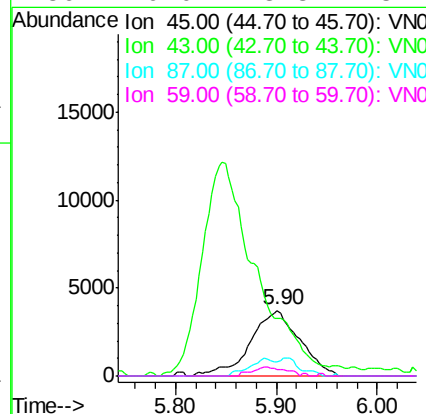
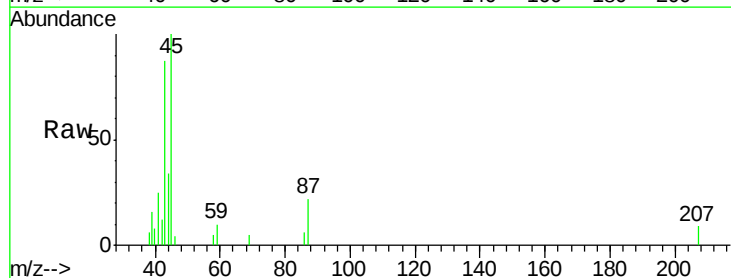
MMDadoda
9/17/2020 1:07:46 PM

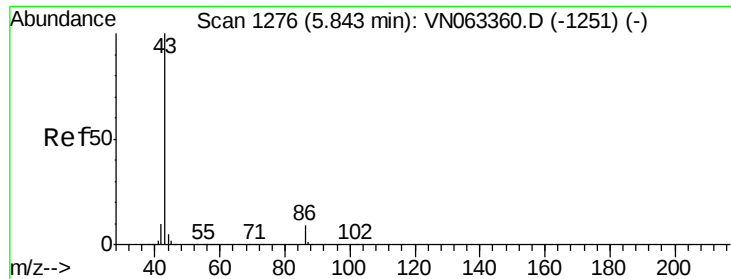


#22

Diisopropyl ether
Concen: 1.008 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.0	53.5	80.3
87	22.2	21.2	31.8
59	10.0	8.8	13.2





#23

Vinyl Acetate

Concen: 4.599 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 45731

Ion Ratio Lower Upper

43 100

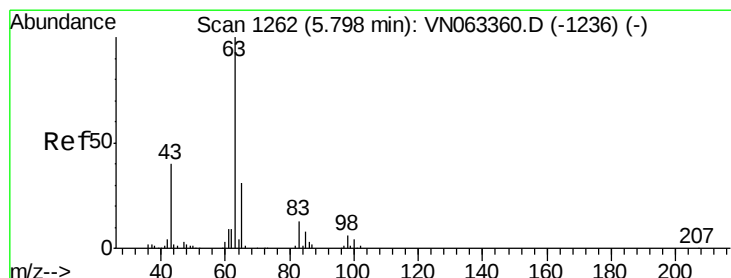
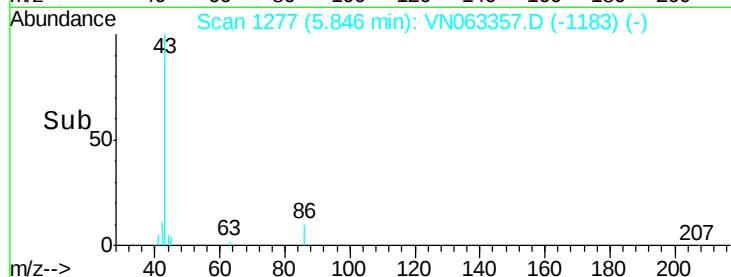
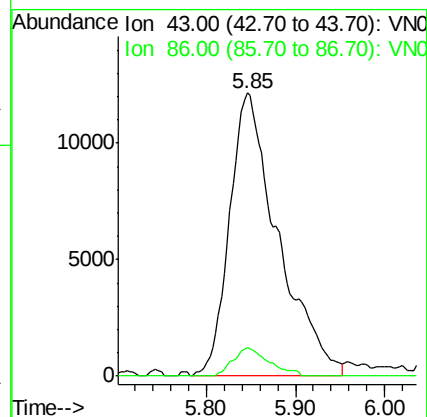
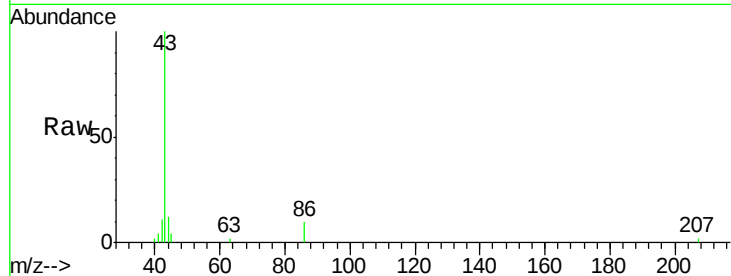
86 10.1 7.1 10.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 0.970 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

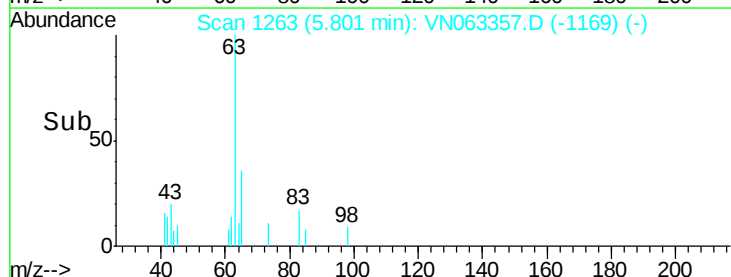
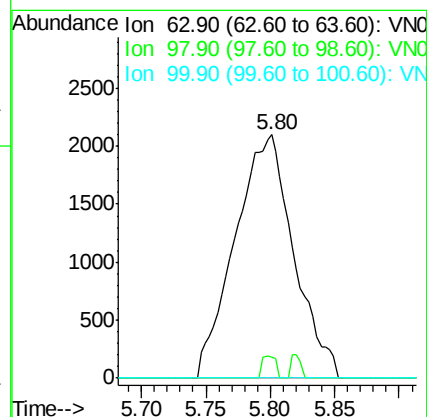
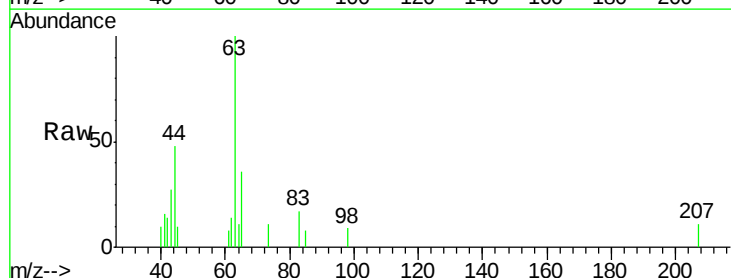
Tgt Ion: 63 Resp: 6657

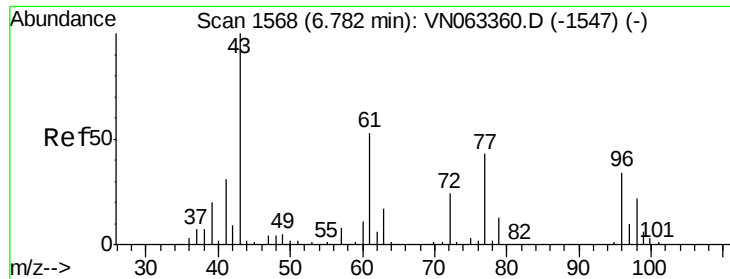
Ion Ratio Lower Upper

63 100

98 8.8 2.9 8.8

100 0.0 2.1 6.3#





#25

2-Butanone

Concen: 5.105 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 11684

Ion Ratio Lower Upper

43 100

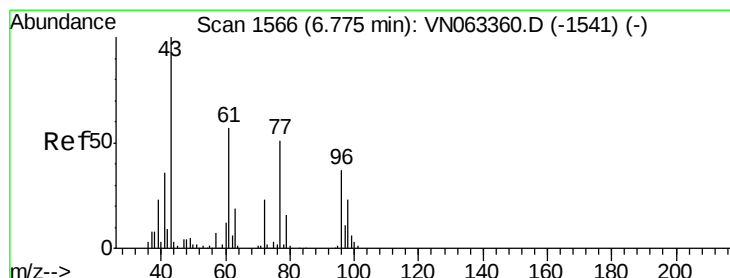
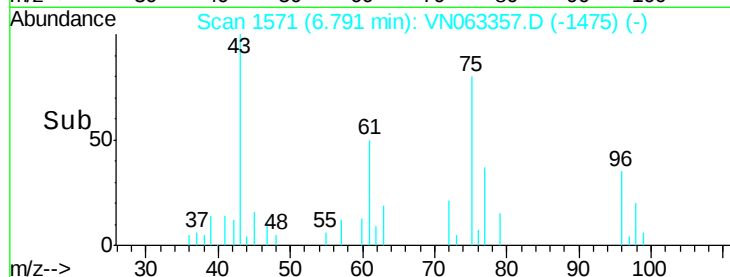
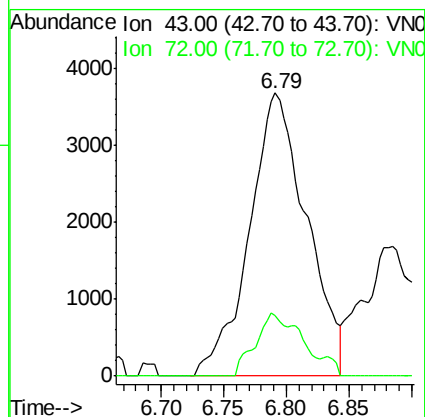
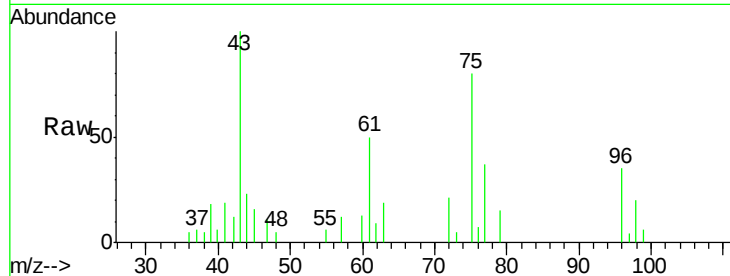
72 21.2 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 1.056 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063357.D

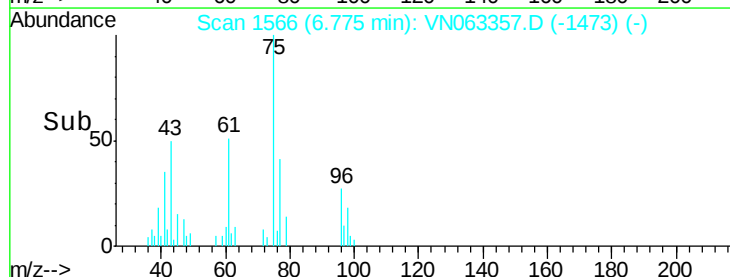
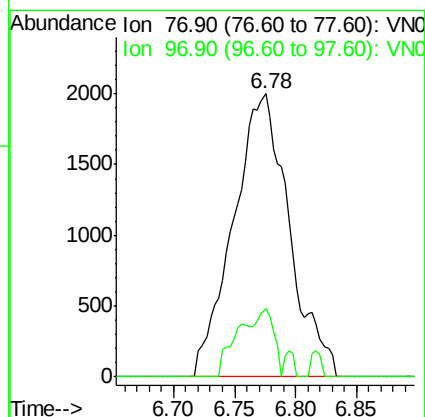
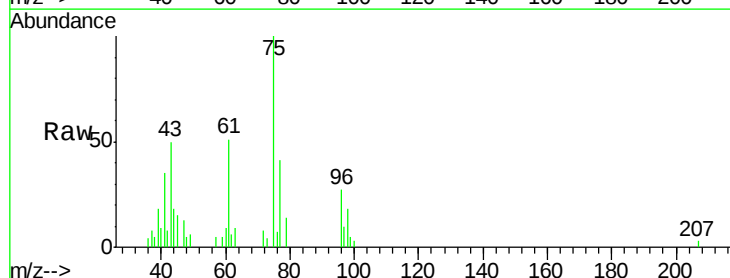
Acq: 16 Sep 2020 10:34

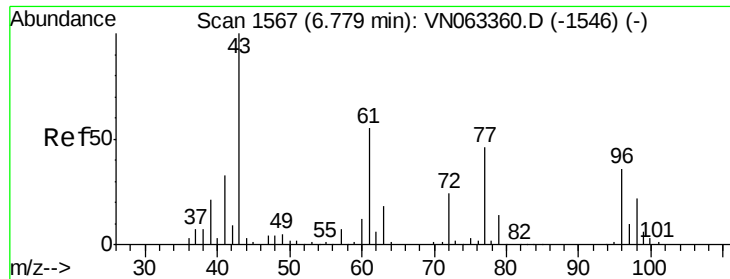
Tgt Ion: 77 Resp: 6336

Ion Ratio Lower Upper

77 100

97 7.0 10.5 31.6#





#27

cis-1,2-Dichloroethene

Concen: 0.978 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

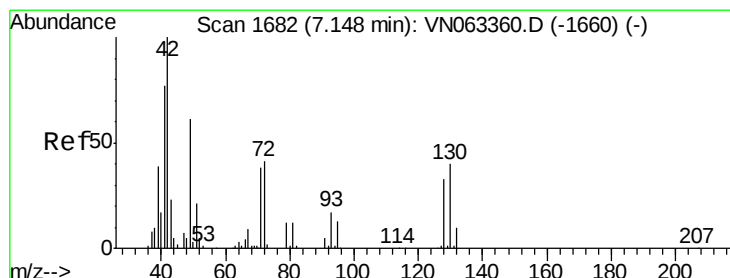
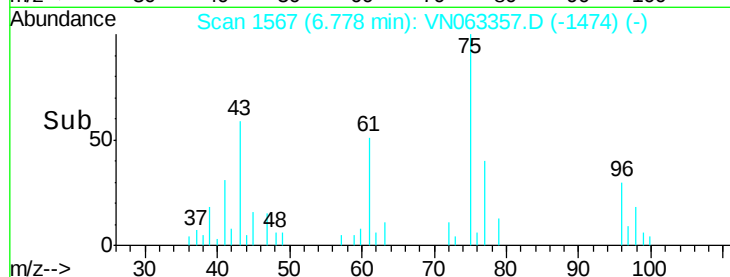
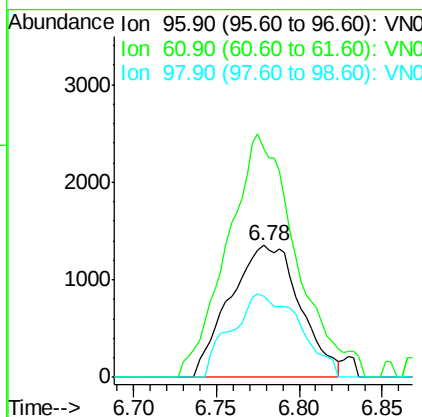
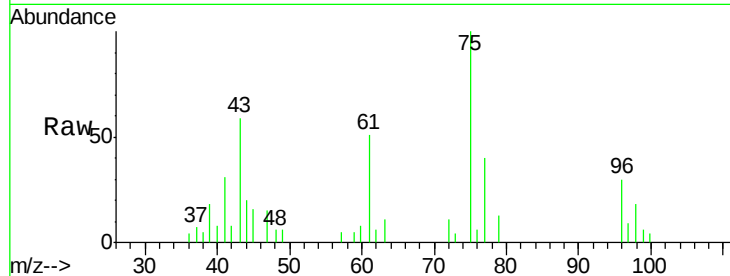
ClientSampled :

VSTDIC001

Tot Ion:	96	Resp:	3991
Ion	Ratio	Lower	Upper
96	100		
61	180.5	0.0	319.6
98	61.5	0.0	127.8

Manual Integrations
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#28

Bromochloromethane

Concen: 0.804 ug/l m

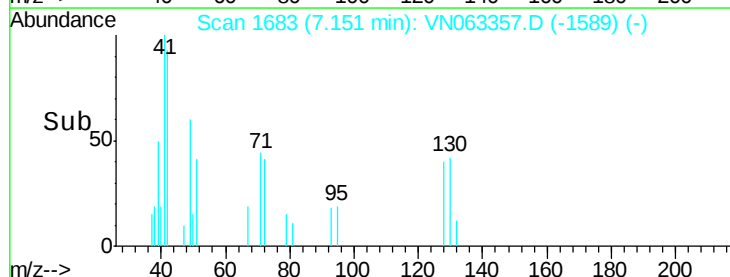
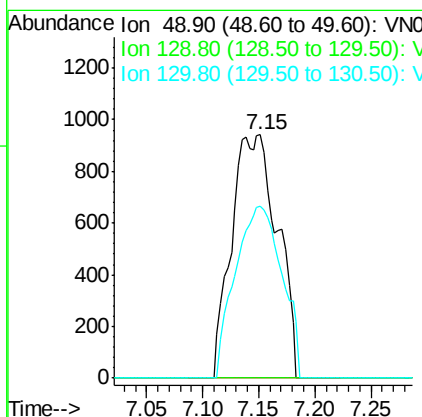
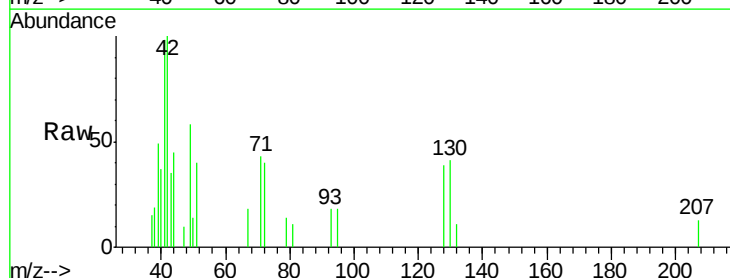
RT: 7.15 min Scan# 1683

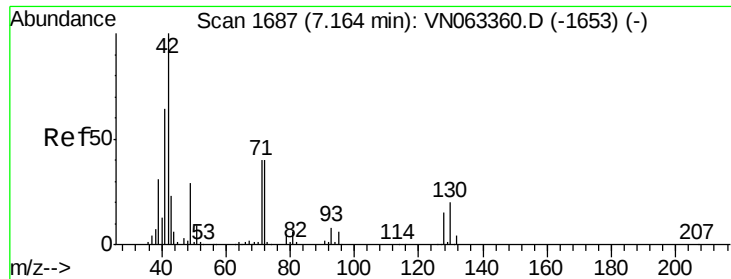
Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Tgt Ion:	49	Resp:	2650
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	72.6	52.2	78.2





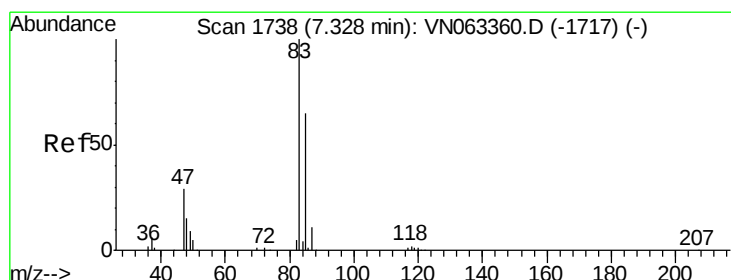
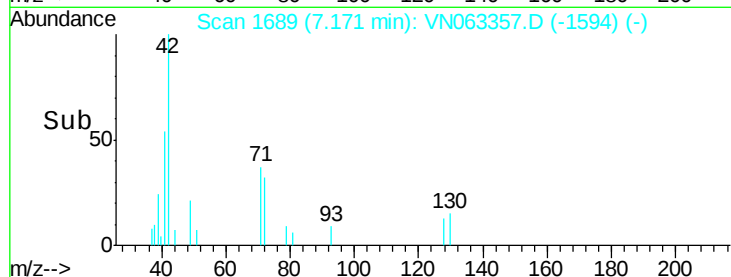
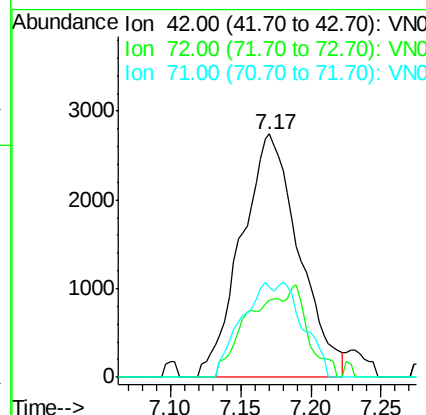
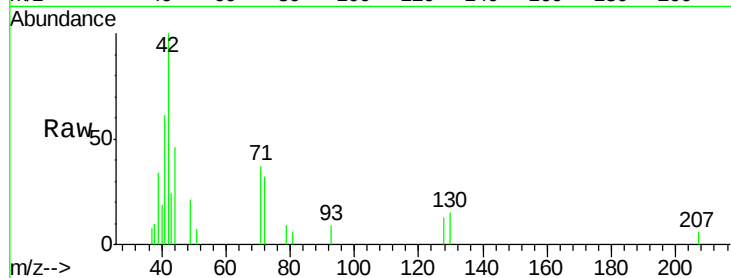
#29
Tetrahydrofuran
Concen: 5.263 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	23.4	32.1	48.1#
71	22.6	31.2	46.8#

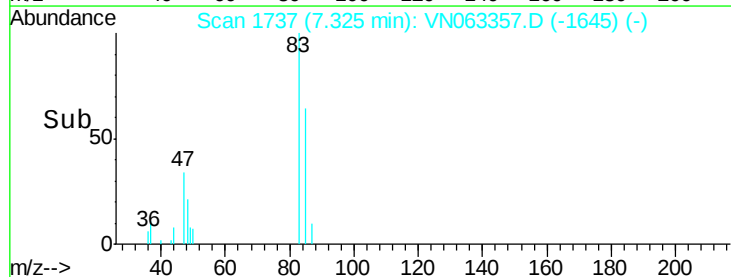
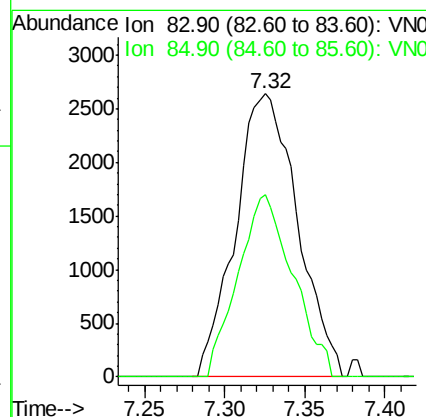
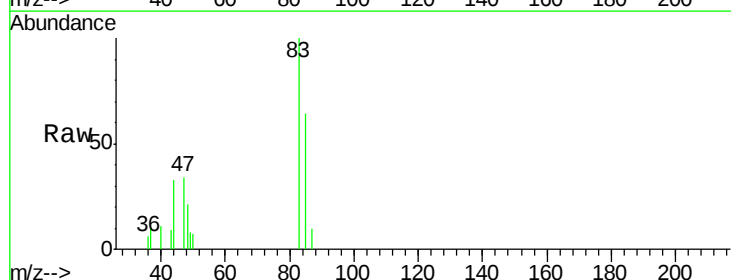
Manual Integrations
APPROVED

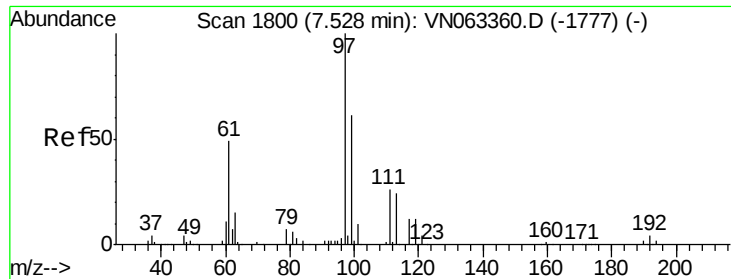
MMDadoda
9/17/2020 1:07:46 PM



#30
Chloroform
Concen: 1.026 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.1	78.1





#32

1,1,1-Trichloroethane

Concen: 1.020 ug/l

RT: 7.52 min Scan# 1798

Delta R.T. -0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

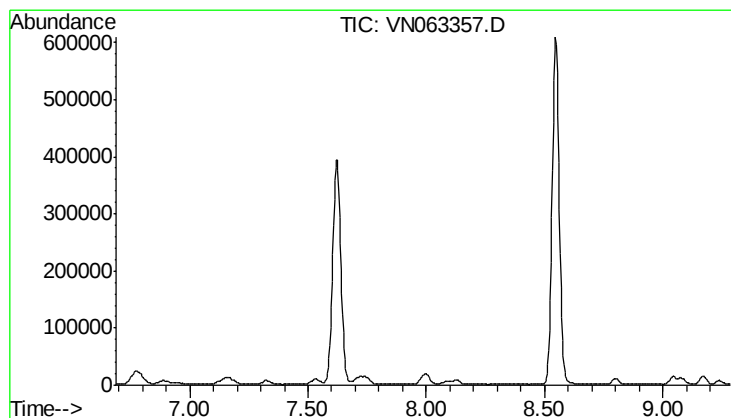
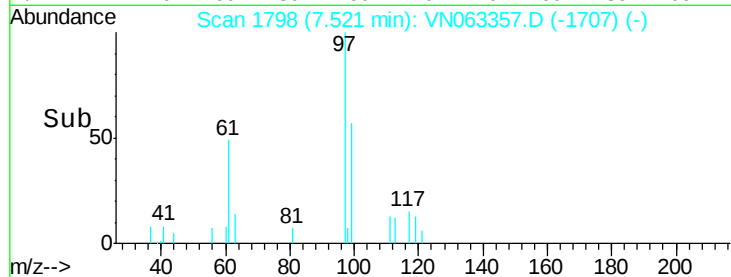
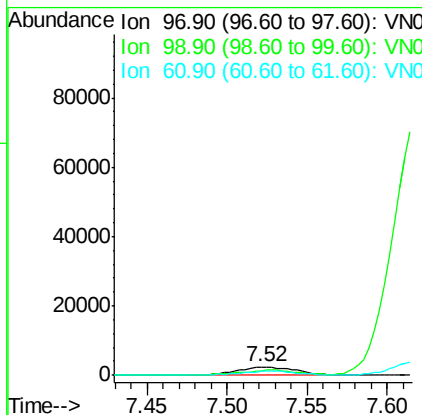
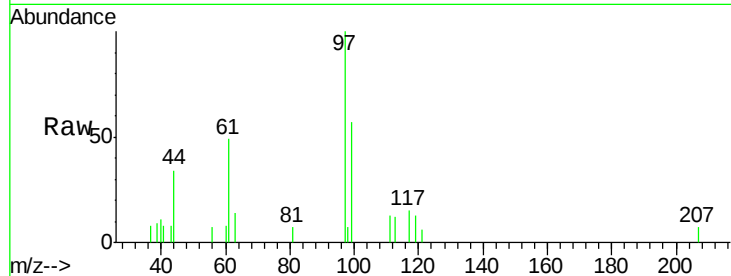
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	6111
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0#
61	49.3	39.2	58.8

Manual Integrations
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9/17/2020 1:07:46 PM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN063357.D

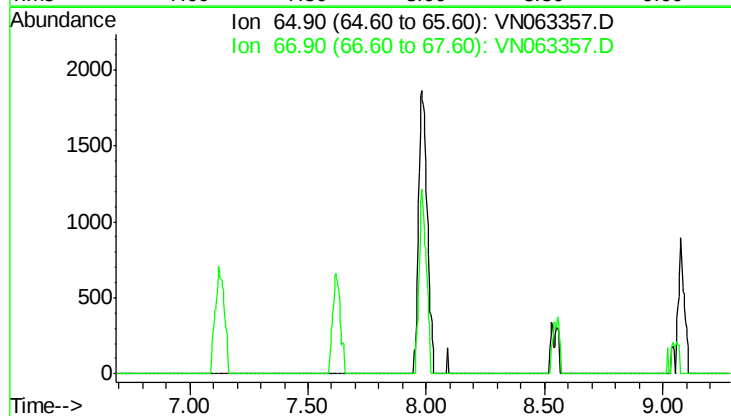
Acq: 16 Sep 2020 10:34

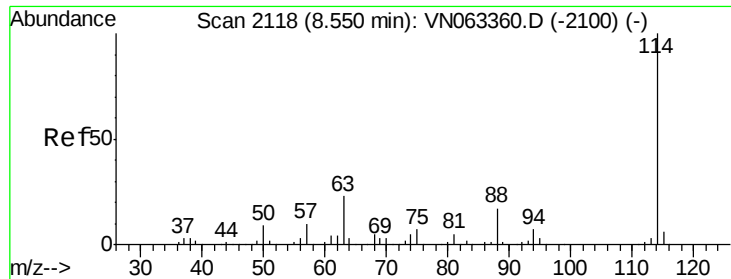
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

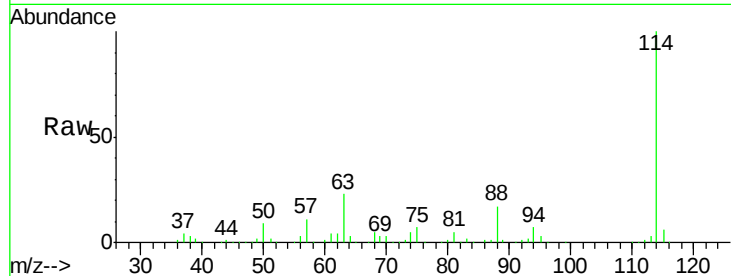
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	495122
Ion Ratio		Lower	Upper
114	100		
63	23.2	0.0	46.4
88	17.0	0.0	33.2

Manual Integrations
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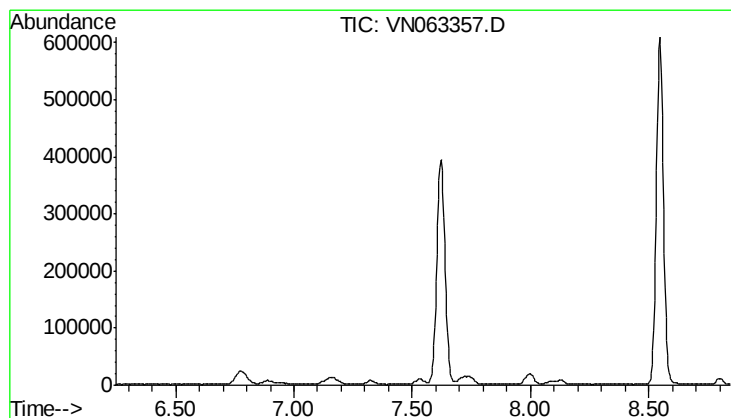
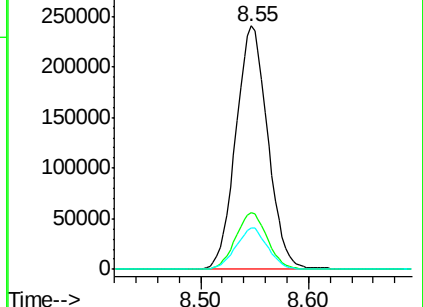
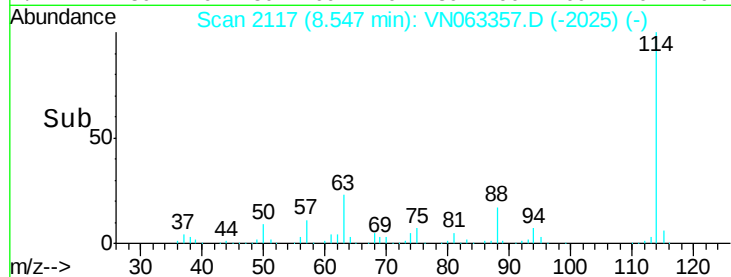
MMDadoda
9/17/2020 1:07:46 PM



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.55 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

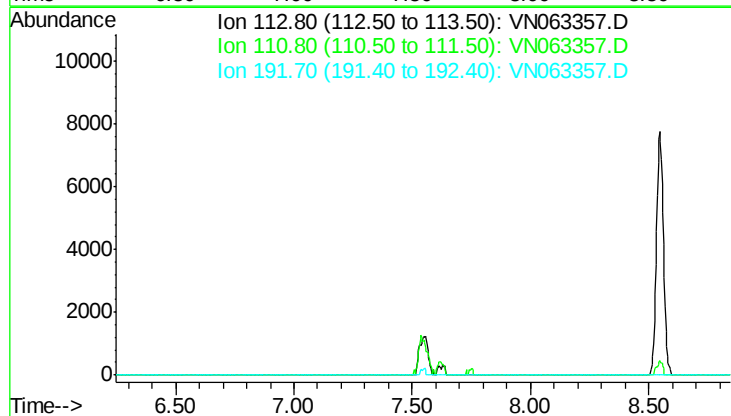
Tgt Ion: 113

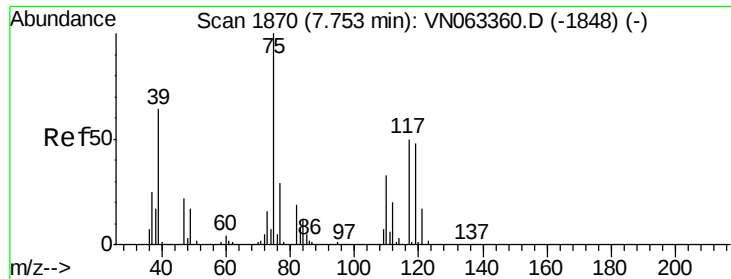
Sig Exp Ratio

113 100

111 103.6

192 17.4





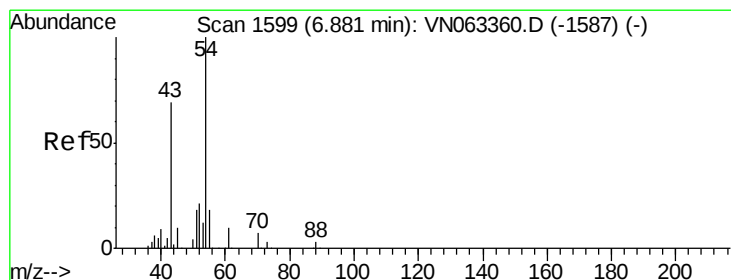
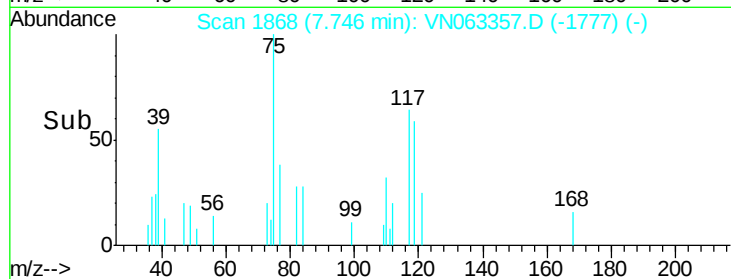
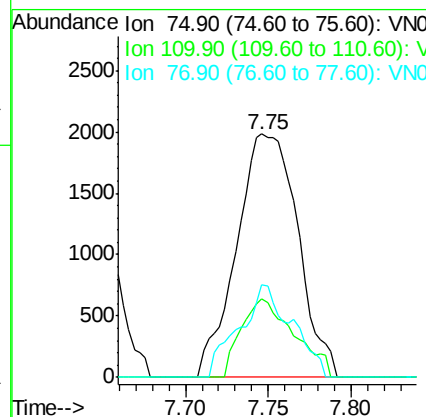
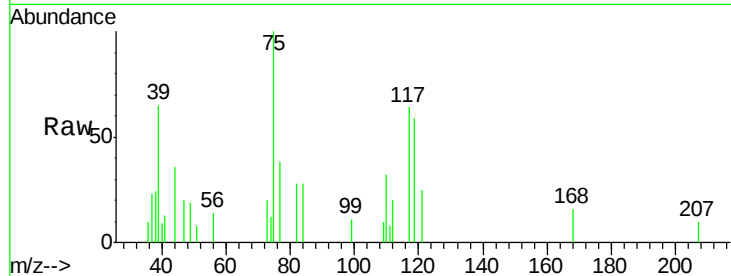
#36
 1,1-Dichloropropene
 Concen: 0.989 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	28.0	16.5	49.5
77	32.6	24.6	36.8

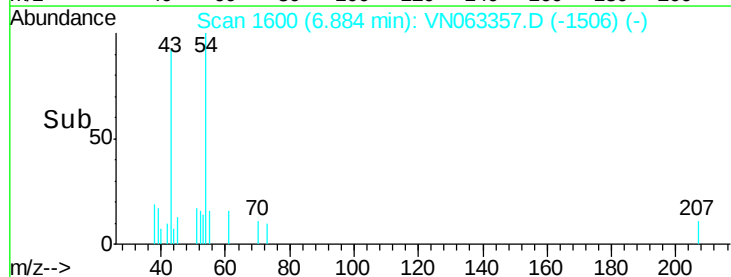
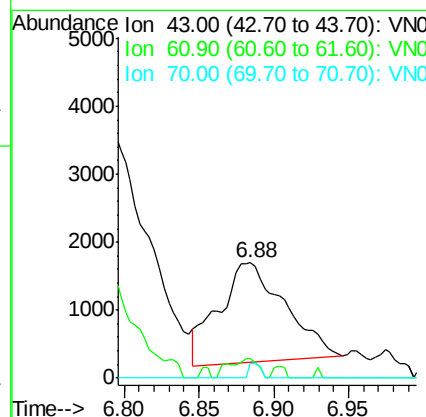
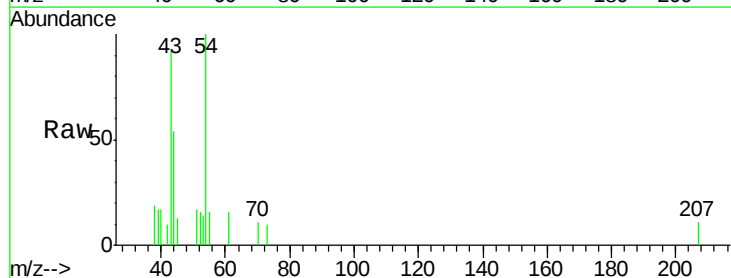
Manual Integrations
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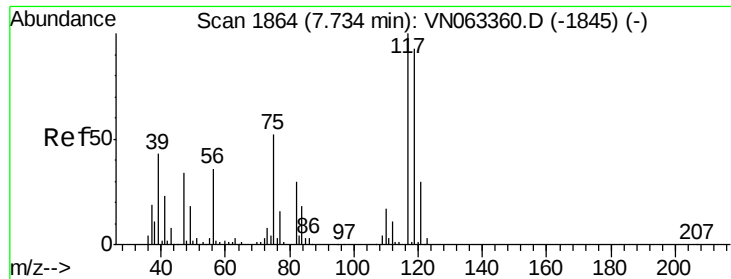
MMDadoda
 9/17/2020 1:07:46 PM



#37
 Ethyl Acetate
 Concen: 0.884 ug/l
 RT: 6.88 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
43	100		
61	5.2	10.6	15.8#
70	2.6	7.2	10.8#





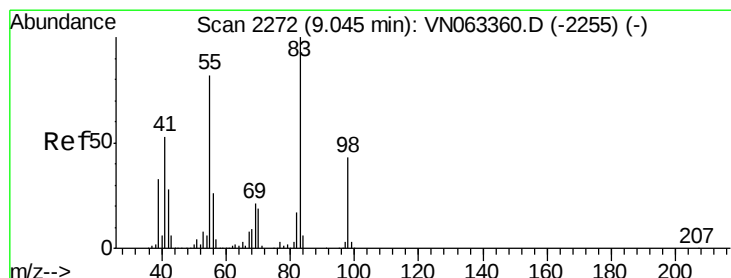
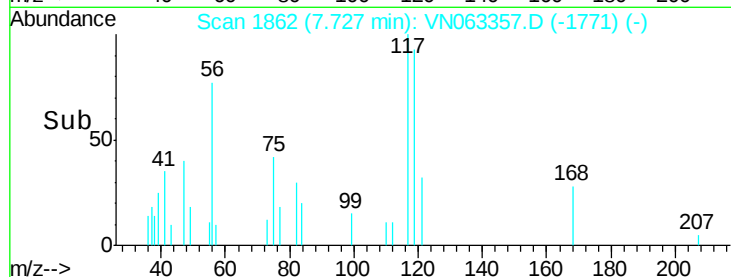
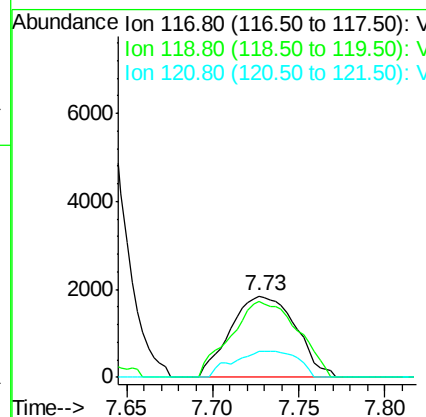
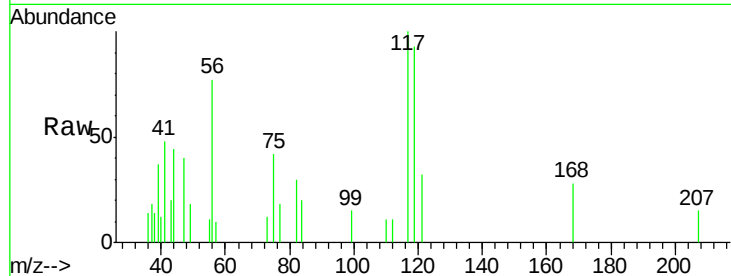
#38
Carbon Tetrachloride
Concen: 0.958 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.5	111.7
121	31.6	24.1	36.1

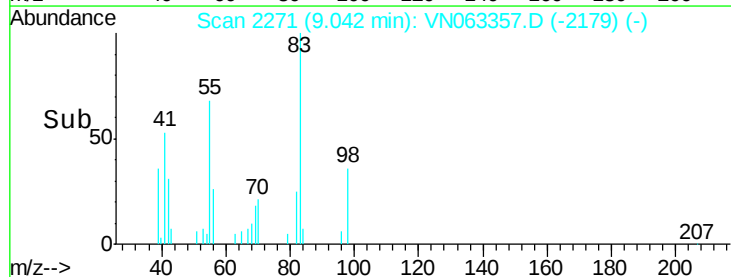
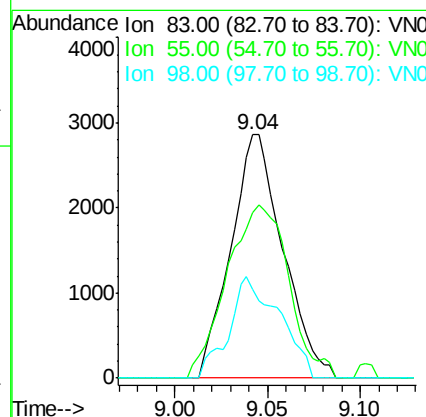
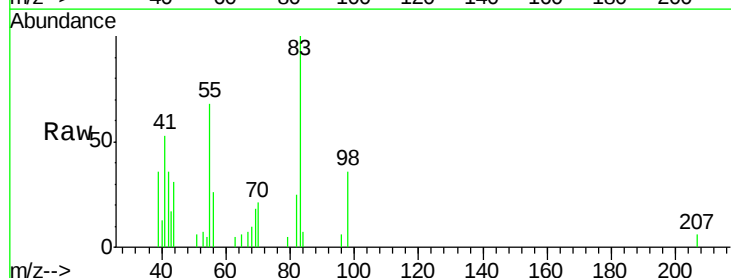
Manual Integrations
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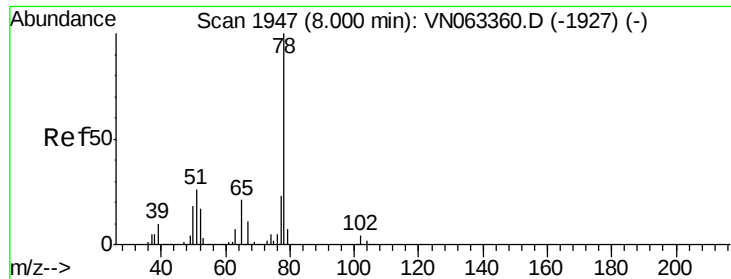
MMDadoda
9/17/2020 1:07:46 PM



#39
Methylcyclohexane
Concen: 0.998 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.9	65.5	98.3
98	36.4	34.2	51.4





#40

Benzene

Concen: 0.997 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 14598

Ion Ratio Lower Upper

78 100

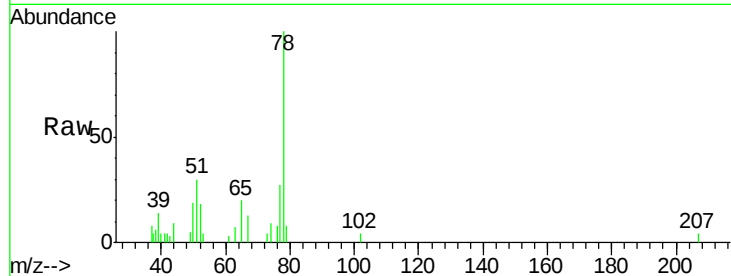
77 26.8 18.3 27.5

Manual Integrations

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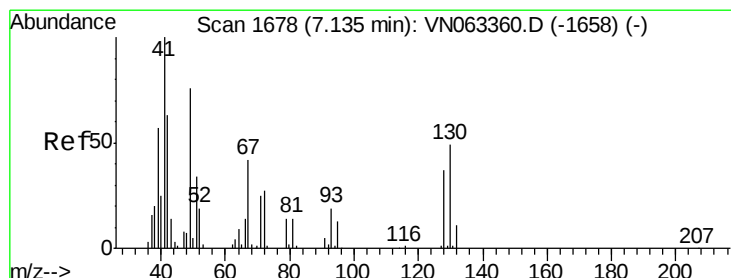
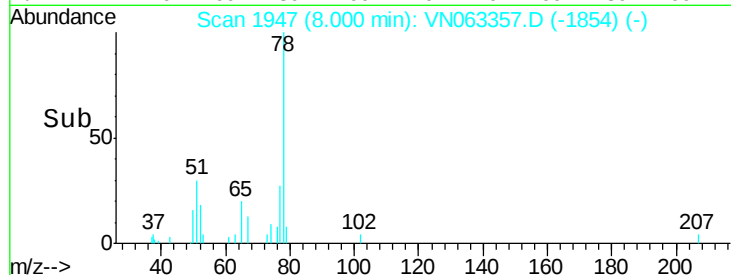
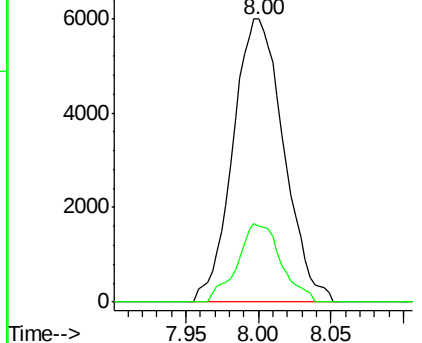
MMDadoda

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Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 1.082 ug/l m

RT: 7.14 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Tgt Ion: 41 Resp: 2496

Ion Ratio Lower Upper

41 100

39 115.7 0.0 0.0#

67 0.0 0.0 0.0

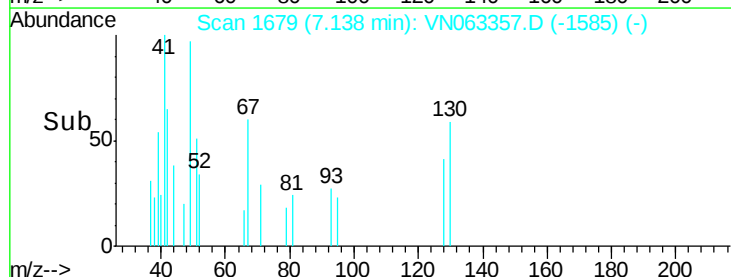
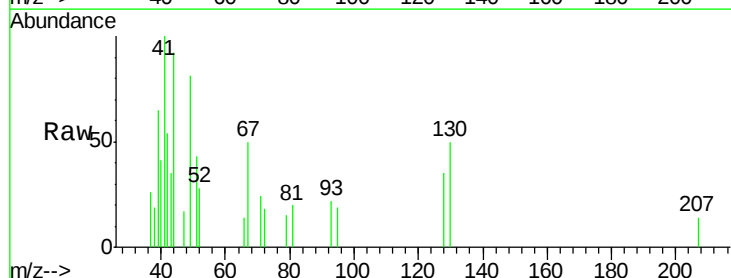
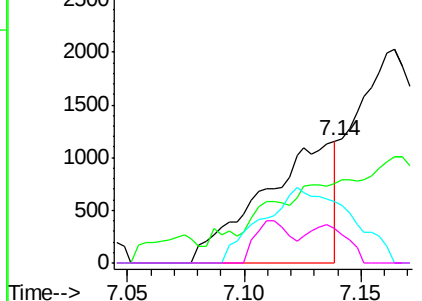
52 0.0 0.0 0.0

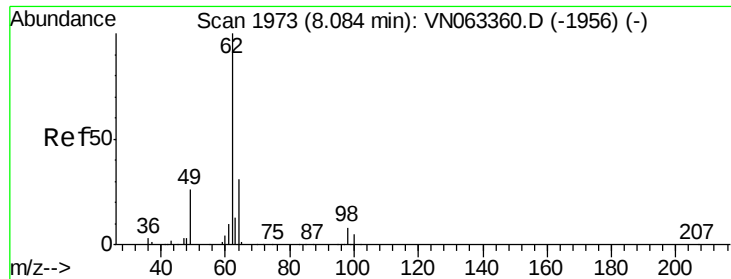
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





#42

1,2-Dichloroethane

Concen: 0.991 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 62 Resp: 5562

Ion Ratio Lower Upper

62 100

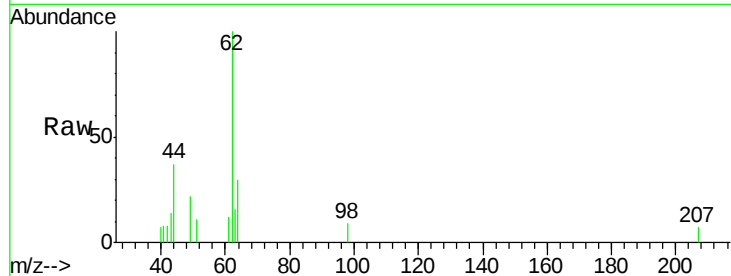
98 4.5 0.0 15.6

Manual Integrations

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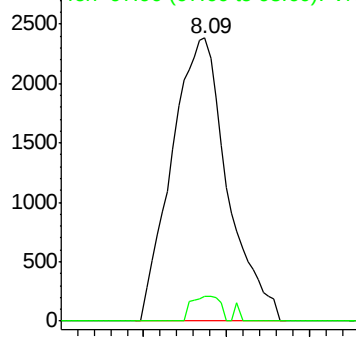
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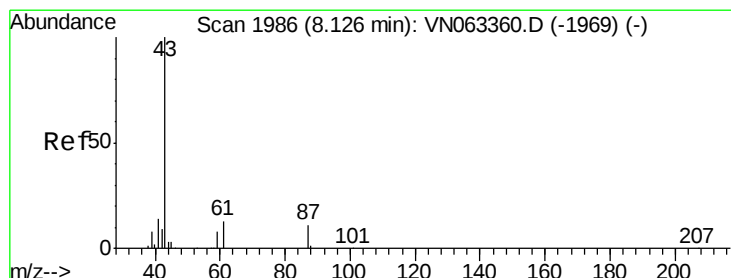
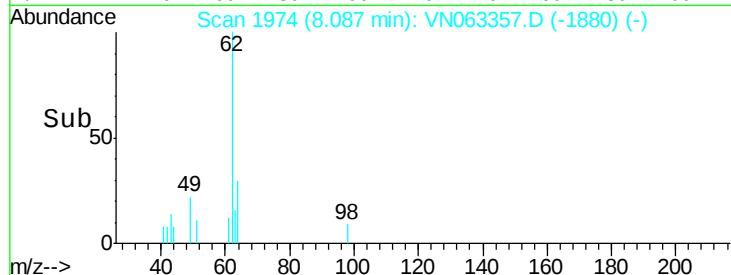


Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



Time-->



#43

Isopropyl Acetate

Concen: 1.104 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

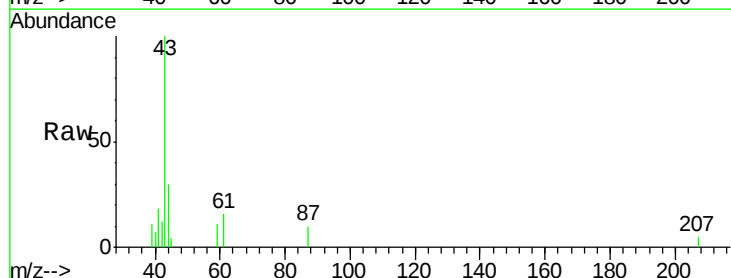
Tgt Ion: 43 Resp: 9497

Ion Ratio Lower Upper

43 100

61 19.0 14.2 21.2

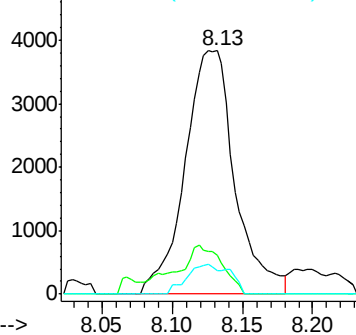
87 8.0 9.0 13.6#



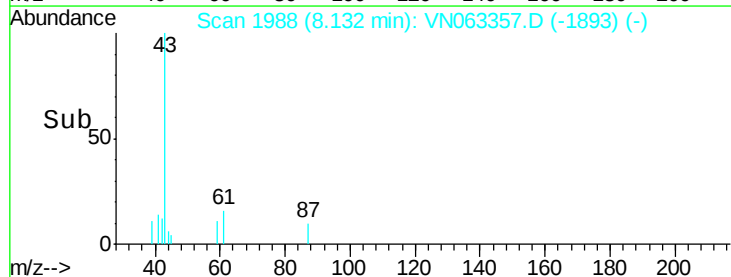
Abundance Ion 43.00 (42.70 to 43.70): VNO

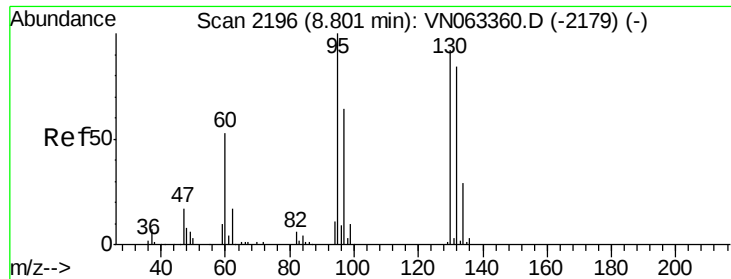
Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



Time-->





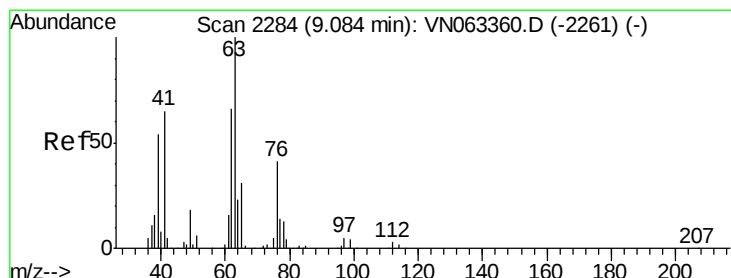
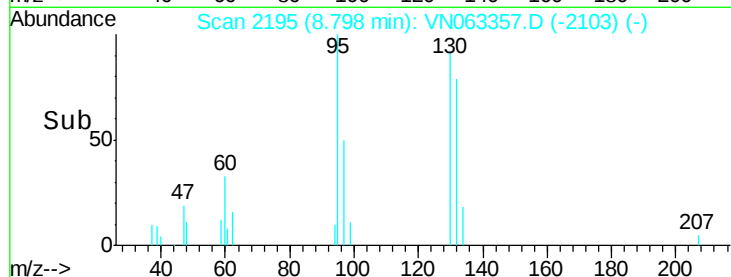
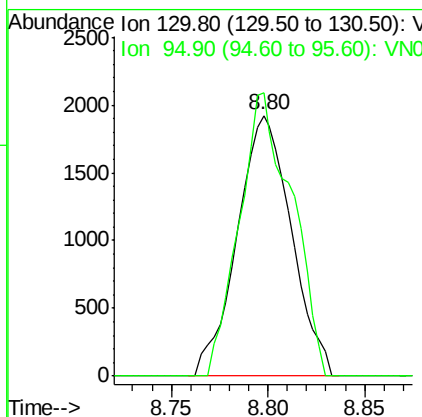
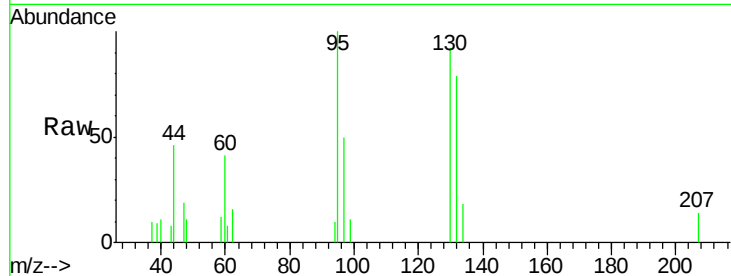
#44
 Trichloroethene
 Concen: 0.991 ug/l
 RT: 8.80 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 3737
 Ion Ratio Lower Upper
 130 100
 95 108.7 0.0 217.4

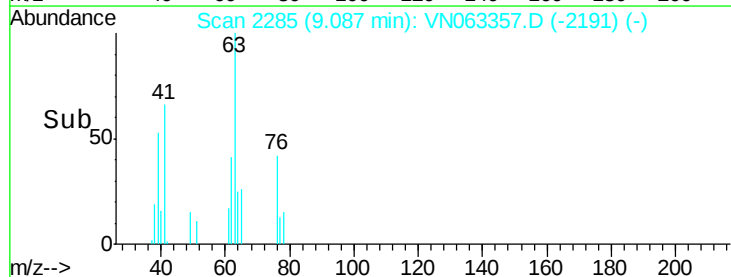
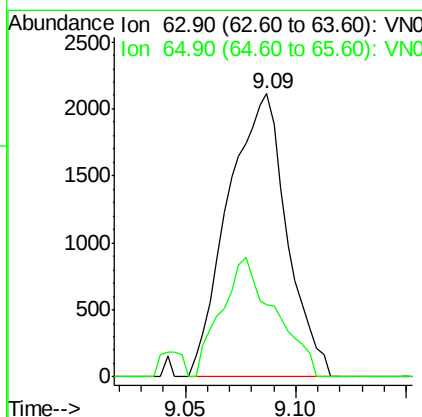
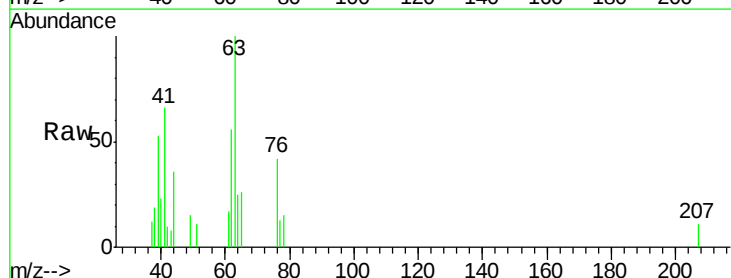
Manual Integrations
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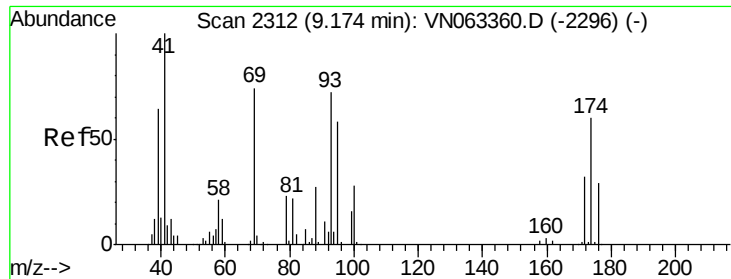
MMDadoda
 9/17/2020 1:07:46 PM



#45
 1,2-Dichloropropane
 Concen: 0.973 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 63 Resp: 3913
 Ion Ratio Lower Upper
 63 100
 65 25.6 25.0 37.6





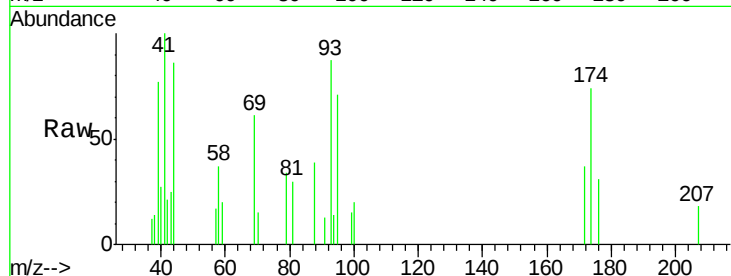
#46
Dibromomethane
Concen: 0.904 ug/l
RT: 9.18 min Scan# 2314
Delta R.T. 0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

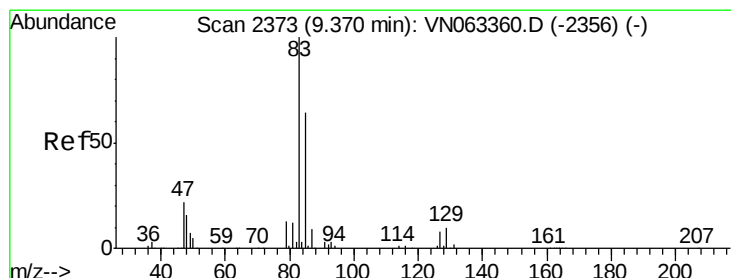
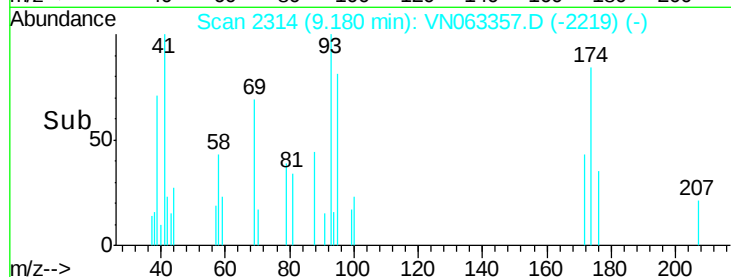
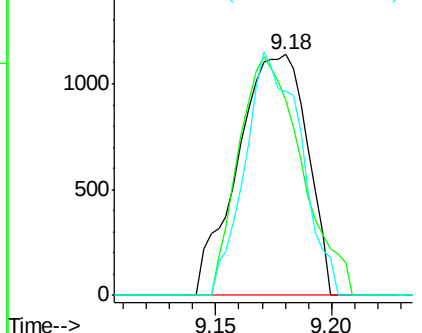
Tot Ion: 93 Resp: 2368
Ion Ratio Lower Upper
93 100
95 89.9 65.6 98.4
174 81.4 68.1 102.1

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9/17/2020 1:07:46 PM

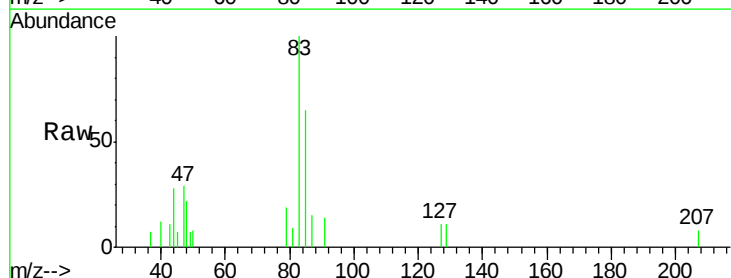


Abundance Ion 92.80 (92.50 to 93.50): VNO
Ion 94.80 (94.50 to 95.50): VNO
Ion 173.70 (173.40 to 174.40): V

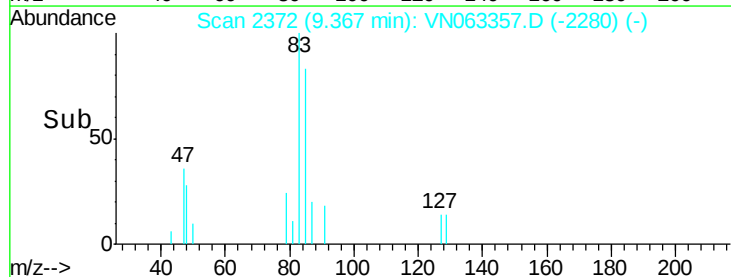
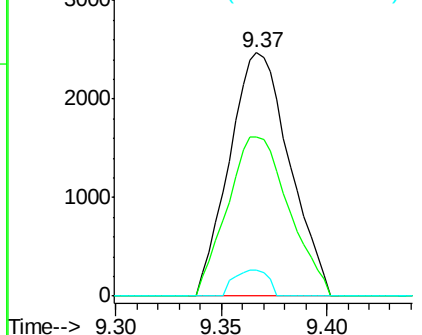


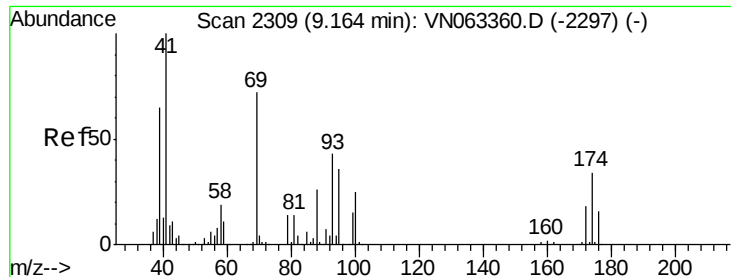
#47
Bromodichloromethane
Concen: 0.900 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 83 Resp: 4896
Ion Ratio Lower Upper
83 100
85 65.5 51.0 76.6
127 10.7 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V





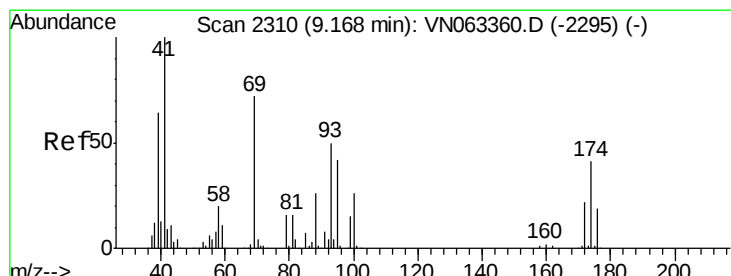
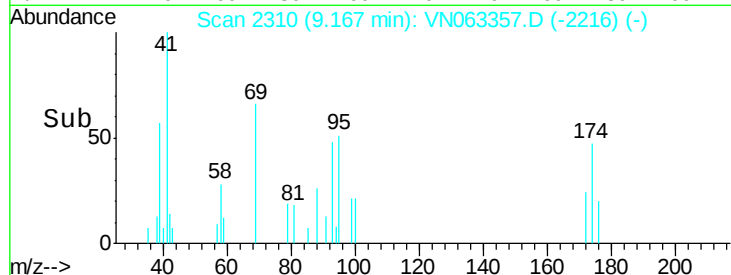
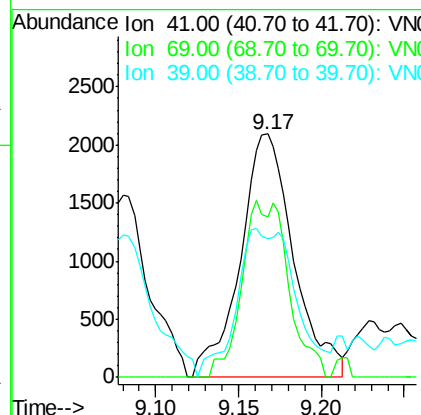
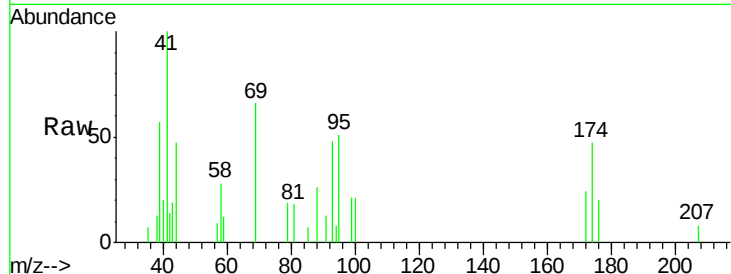
#48
Methvl methacrylate
Concen: 1.135 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	63.2	59.3	88.9
39	36.4	52.9	79.3#

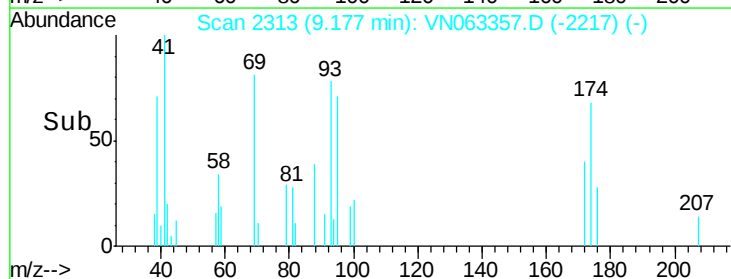
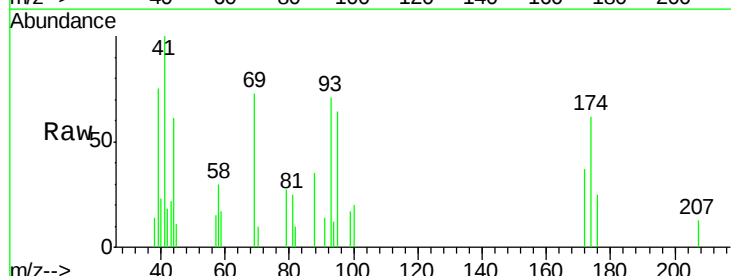
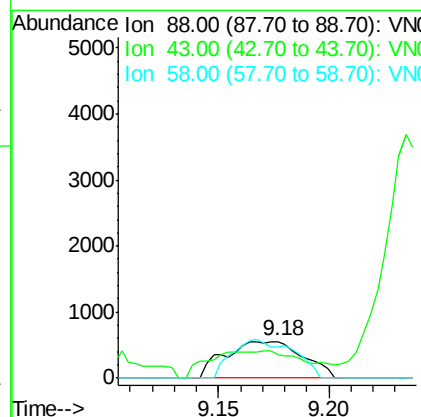
Manual Integrations
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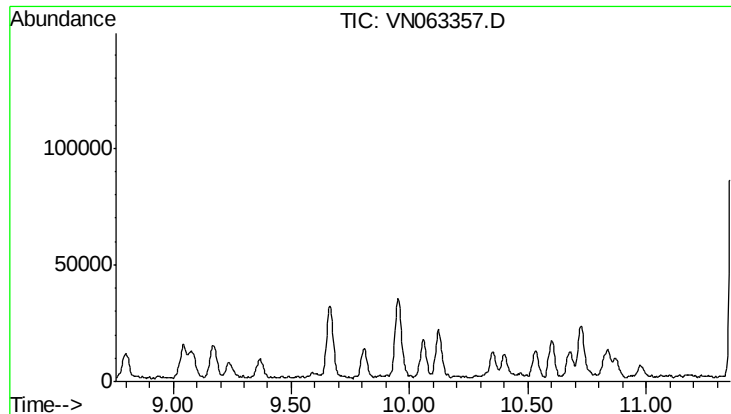
MMDadoda
9/17/2020 1:07:46 PM



#49
1,4-Dioxane
Concen: 21.317 ug/l
RT: 9.18 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
88	100		
43	93.5	32.6	49.0#
58	82.6	60.0	90.0





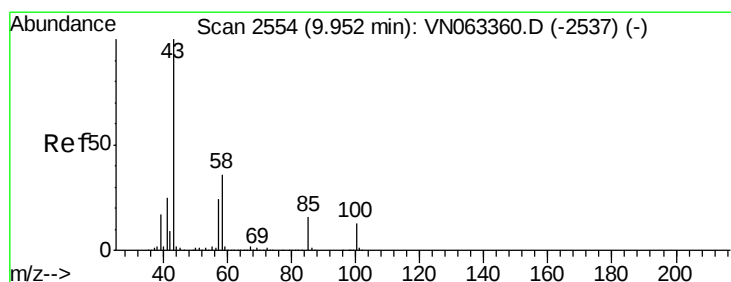
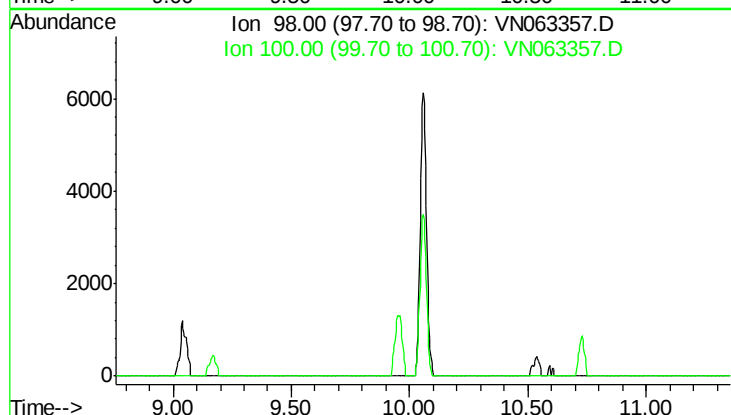
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.4

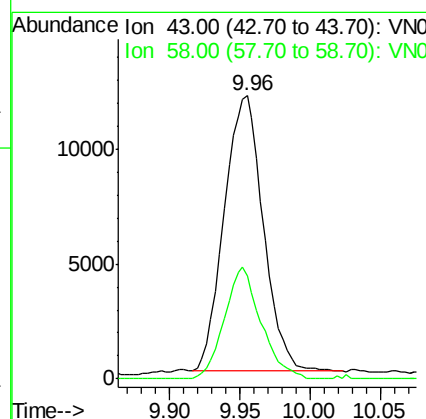
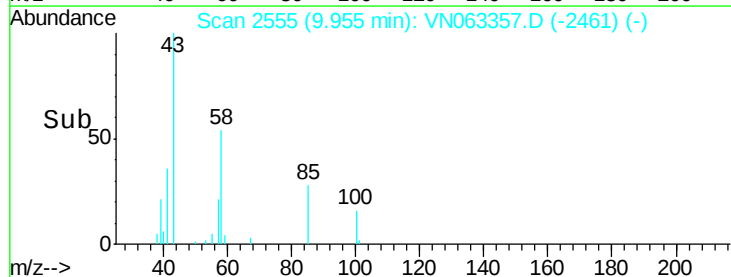
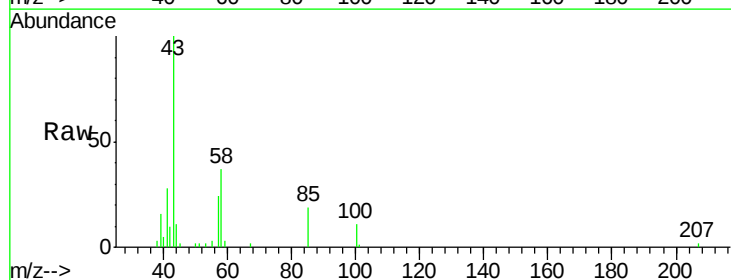
Manual Integrations
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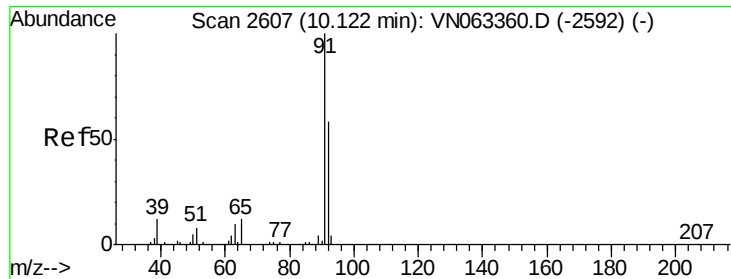
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#51
4-Methyl-2-Pentanone
Concen: 4.891 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 43 Resp: 23150
Ion Ratio Lower Upper
43 100
58 38.0 29.0 43.6





#52

Toluene

Concen: 0.871 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 7807

Ion Ratio Lower Upper

92 100

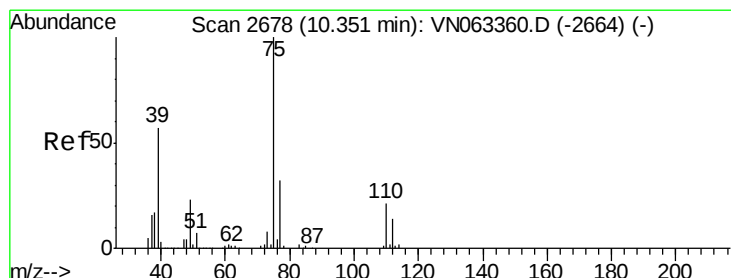
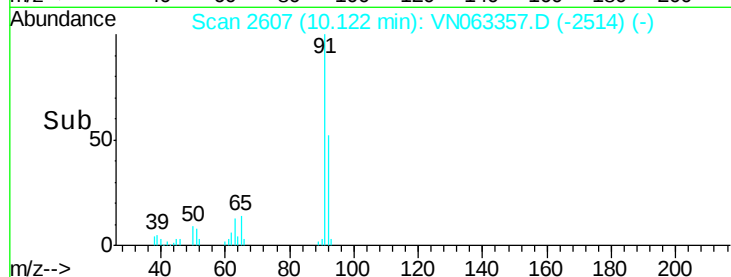
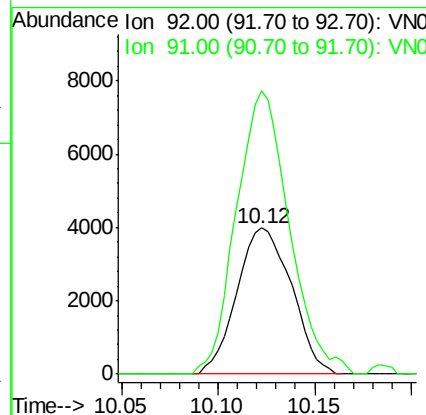
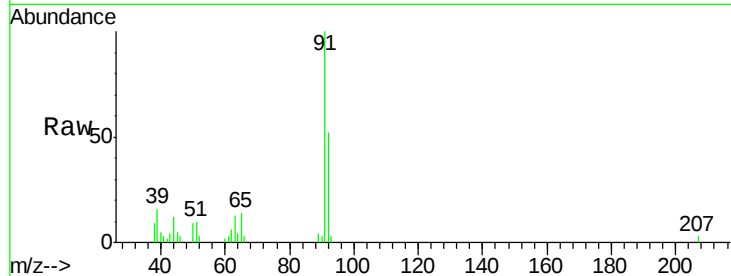
91 188.3 139.7 209.5

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#53

t-1,3-Dichloropropene

Concen: 0.953 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063357.D

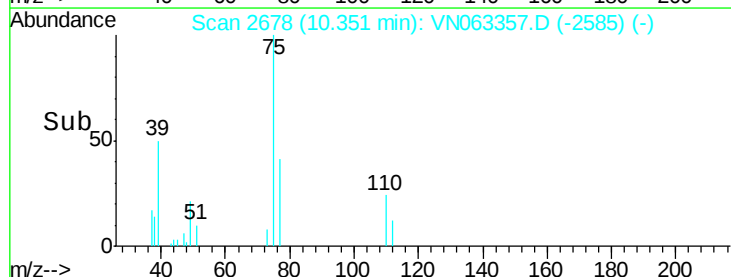
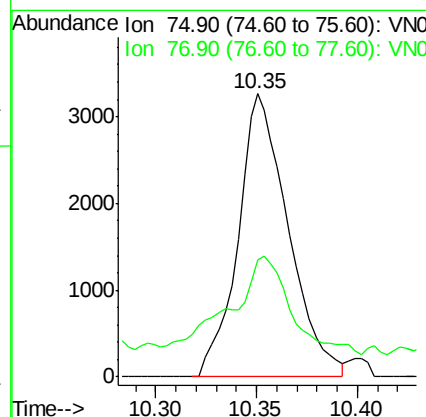
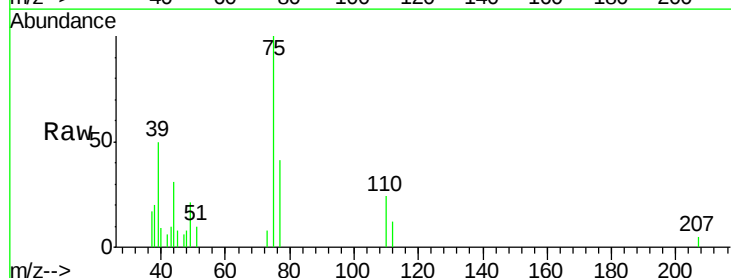
Acq: 16 Sep 2020 10:34

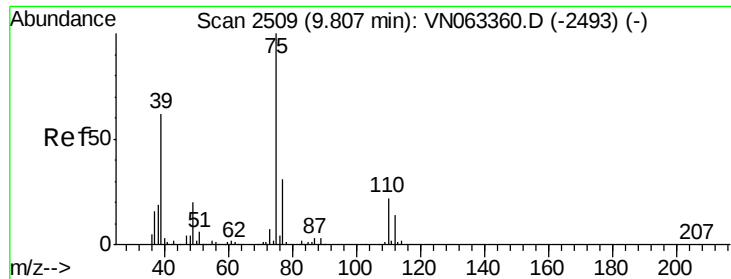
Tgt Ion: 75 Resp: 5662

Ion Ratio Lower Upper

75 100

77 29.5 25.4 38.2





#54

cis-1,3-Dichloropropene

Concen: 0.912 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

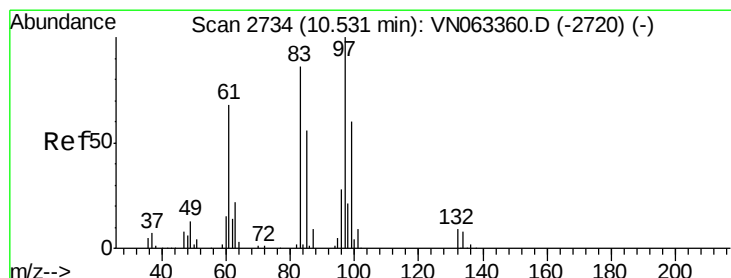
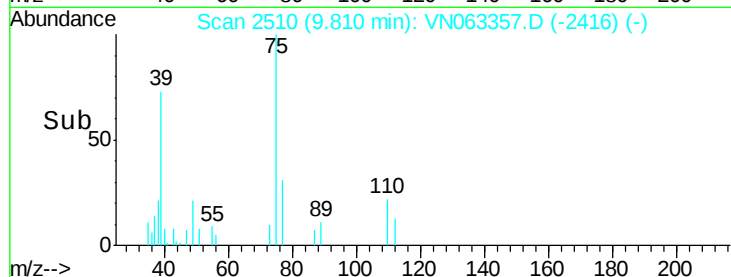
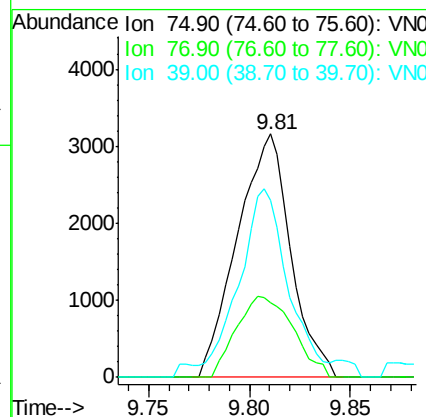
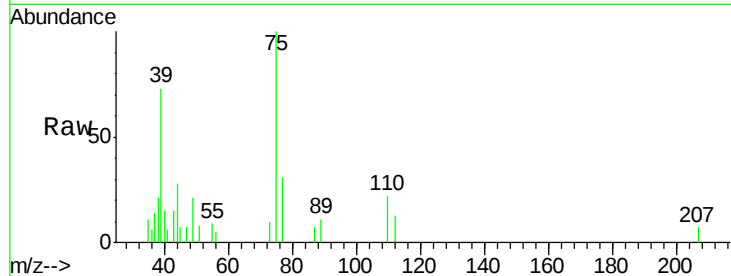
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	5829
Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	37.0
39	67.8	49.8	74.8

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#55

1,1,2-Trichloroethane

Concen: 0.970 ug/l

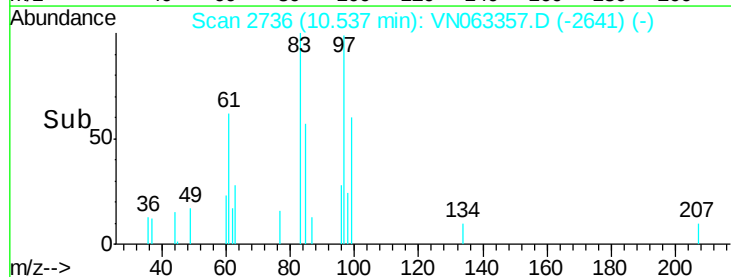
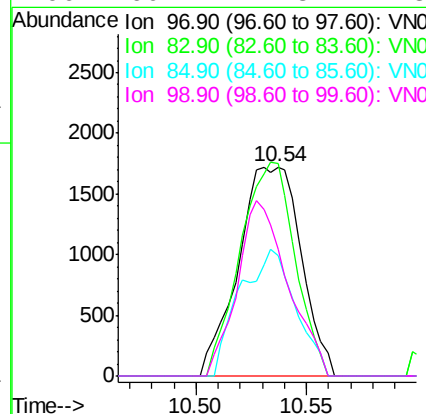
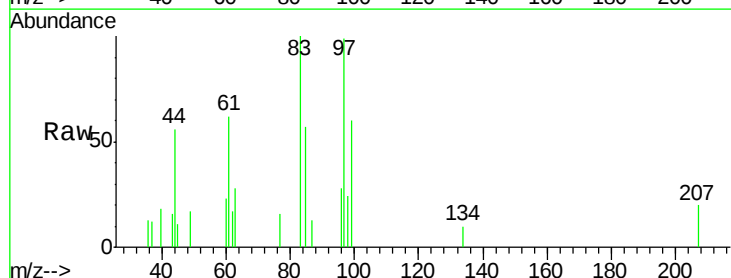
RT: 10.54 min Scan# 2736

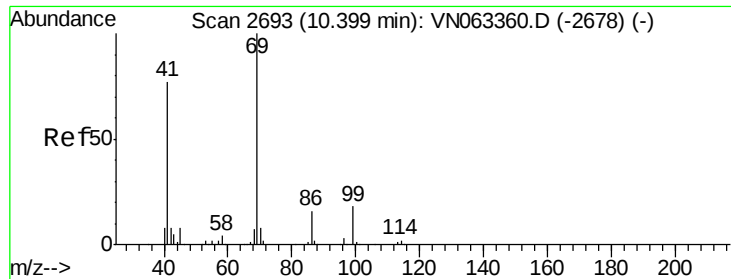
Delta R.T. 0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Tgt Ion:	97	Resp:	3405
Ion	Ratio	Lower	Upper
97	100		
83	101.3	68.9	103.3
85	57.7	44.8	67.2
99	60.7	47.8	71.8





#56

Ethyl methacrylate

Concen: 0.919 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

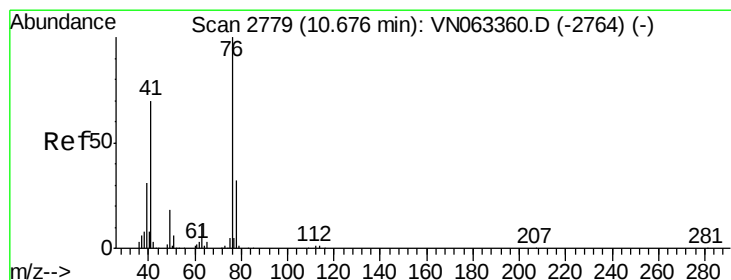
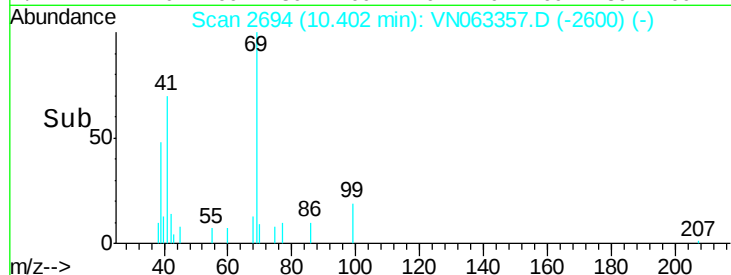
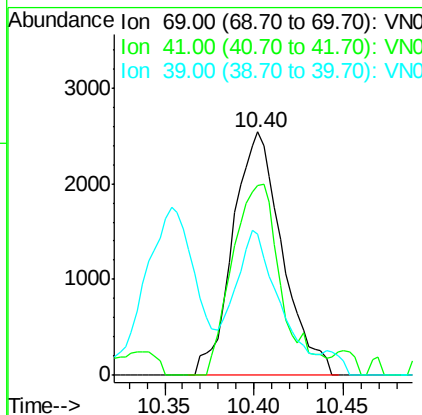
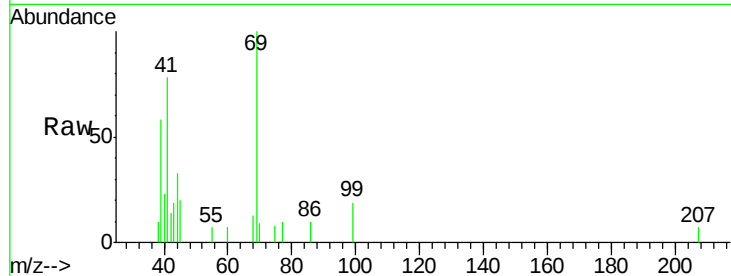
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	4899
Ion	Ratio	Lower	Upper
69	100		
41	77.9	61.0	91.6
39	42.7	39.2	58.8

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#57

1,3-Dichloropropane

Concen: 0.997 ug/l

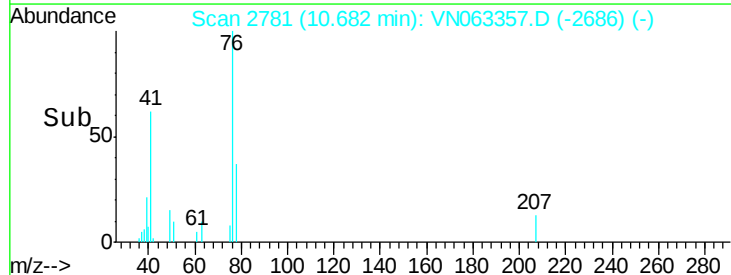
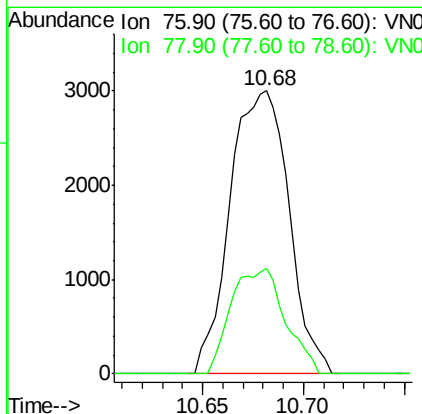
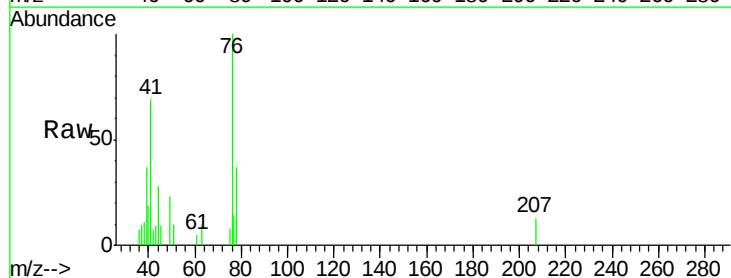
RT: 10.68 min Scan# 2781

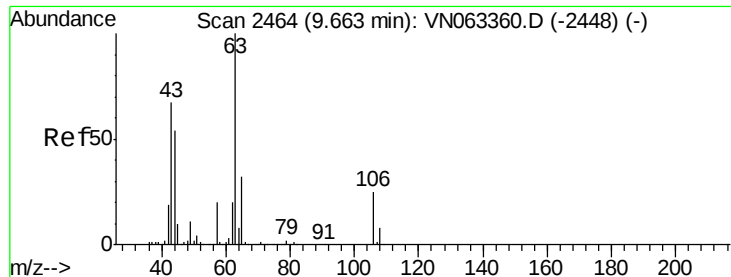
Delta R.T. 0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Tgt Ion:	76	Resp:	6120
Ion	Ratio	Lower	Upper
76	100		
78	34.2	25.8	38.8





#58

2-Chloroethyl Vinyl ether

Concen: 4.922 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 14114

Ion Ratio Lower Upper

63 100

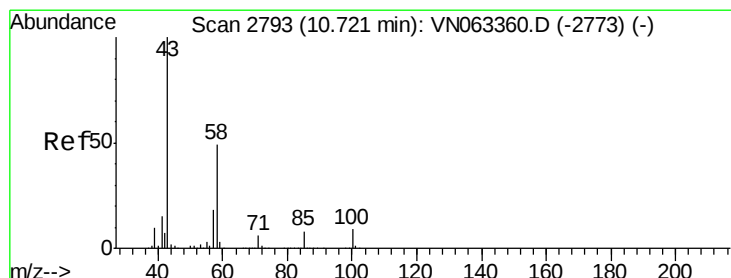
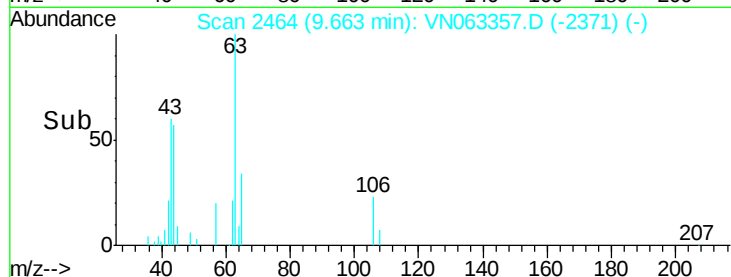
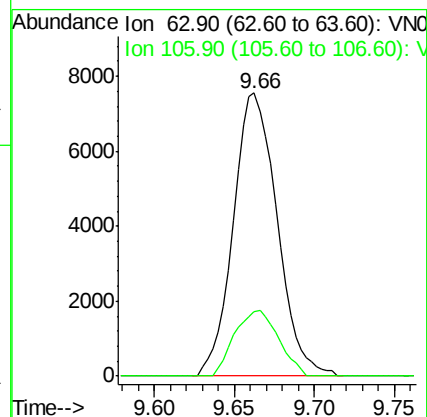
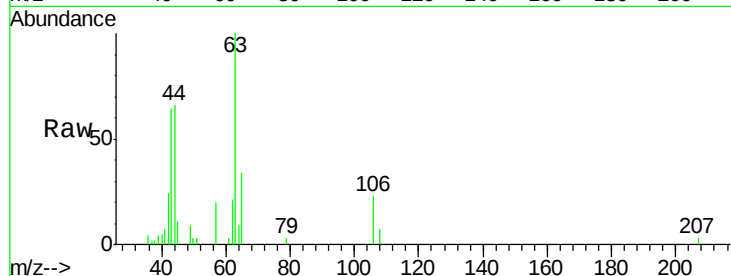
106 23.3 19.5 29.3

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#59

2-Hexanone

Concen: 4.790 ug/l

RT: 10.73 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN063357.D

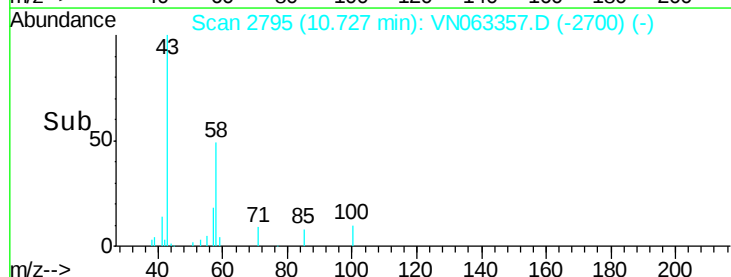
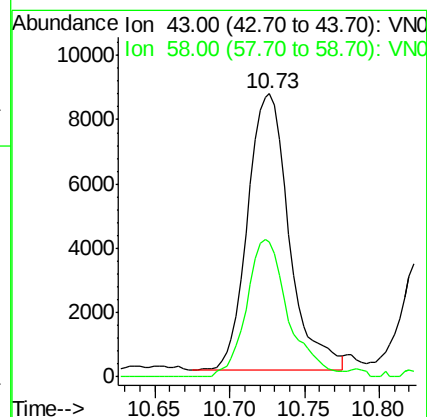
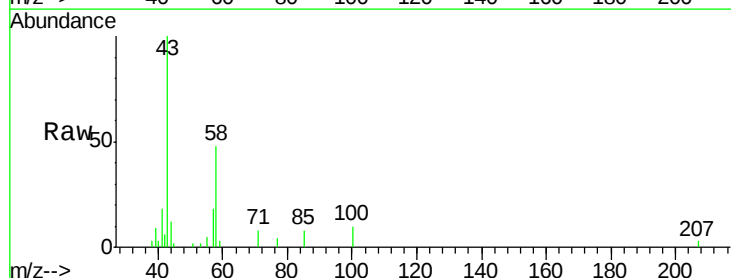
Acq: 16 Sep 2020 10:34

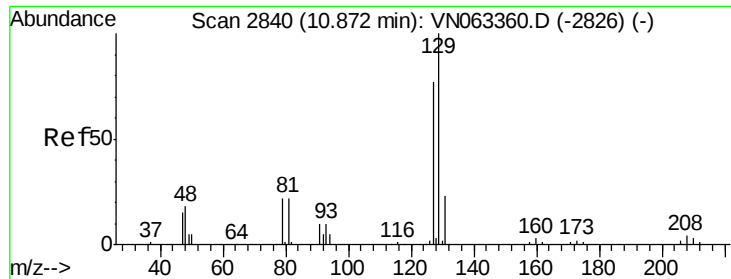
Tgt Ion: 43 Resp: 16709

Ion Ratio Lower Upper

43 100

58 49.8 24.7 74.1





#60

Dibromochloromethane

Concen: 0.919 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:129 Resp: 3545

Ion Ratio Lower Upper

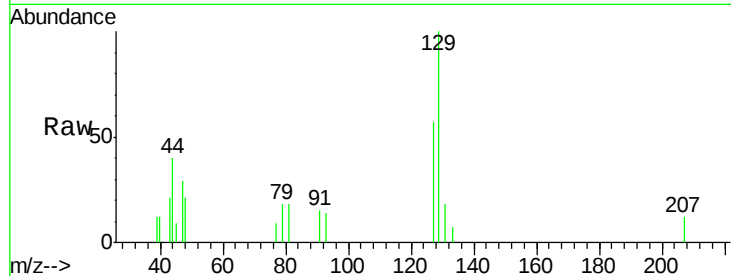
129 100

127 76.4 39.1 117.3

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.87

2500

2000

1500

1000

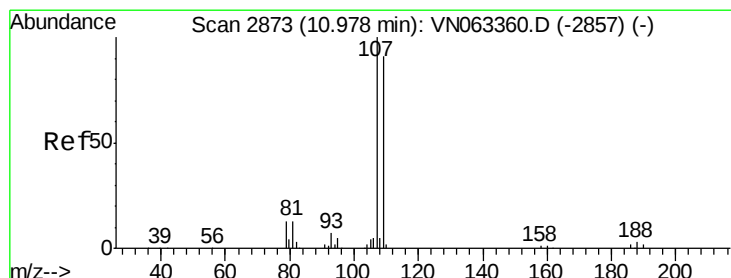
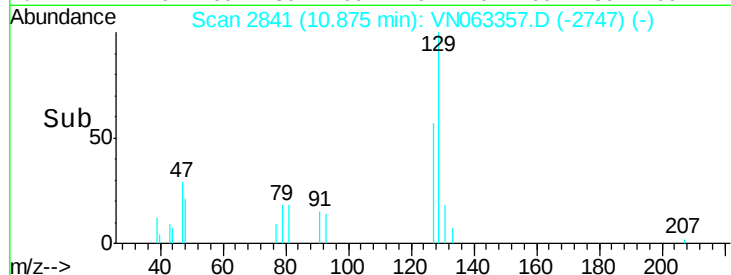
500

0

10.85

10.90

Time-->



#61

1,2-Dibromoethane

Concen: 0.932 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063357.D

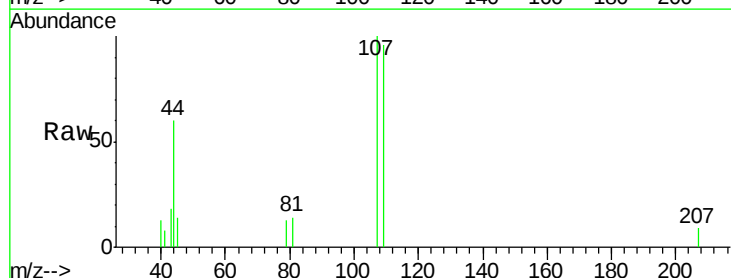
Acq: 16 Sep 2020 10:34

Tgt Ion:107 Resp: 3413

Ion Ratio Lower Upper

107 100

109 93.2 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

2000

1500

1000

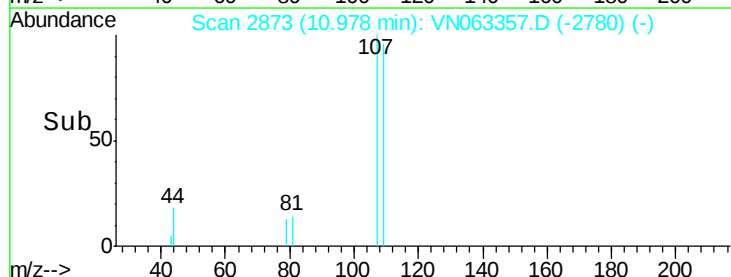
500

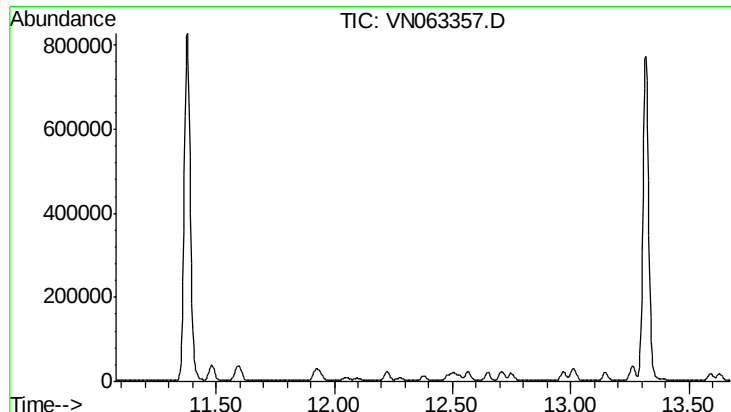
0

10.95

11.00

Time-->





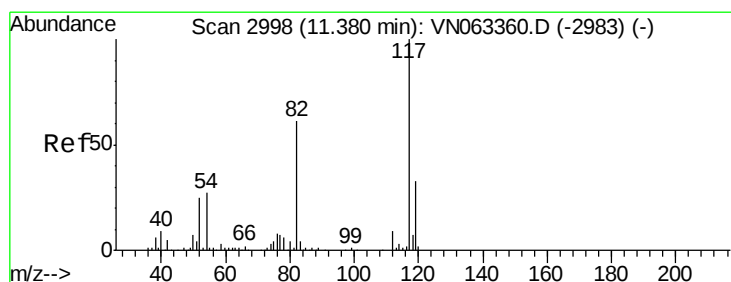
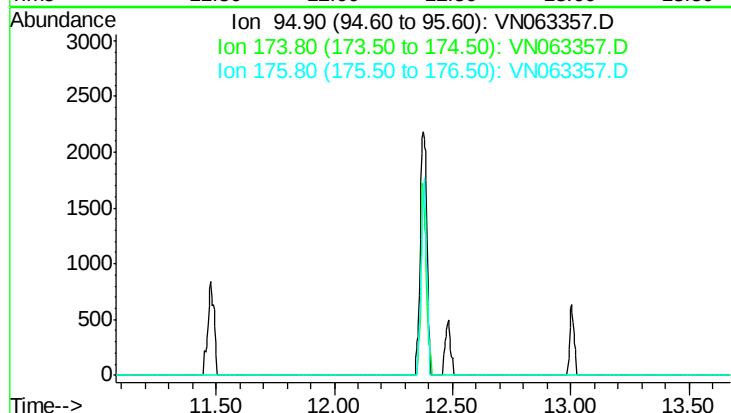
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.38 min

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 95
 Sig Exp Ratio
 95 100
 174 70.4
 176 68.8

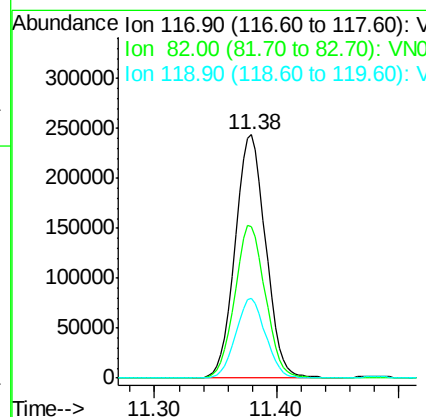
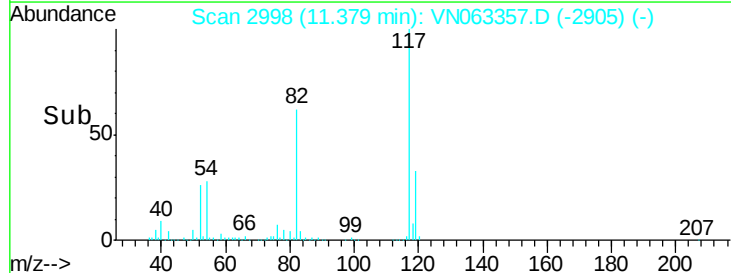
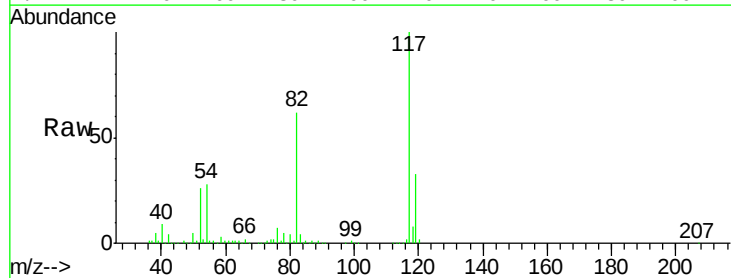
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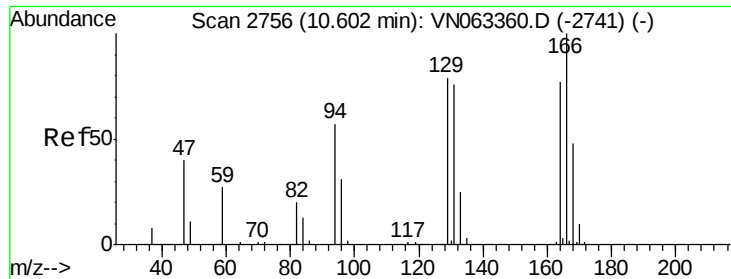
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 117 Resp: 425967
 Ion Ratio Lower Upper
 117 100
 82 62.4 49.2 73.8
 119 32.8 26.2 39.4





#64

Tetrachloroethene

Concen: 0.862 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:164 Resp: 2925

Ion Ratio Lower Upper

164 100

166 128.4 103.4 155.0

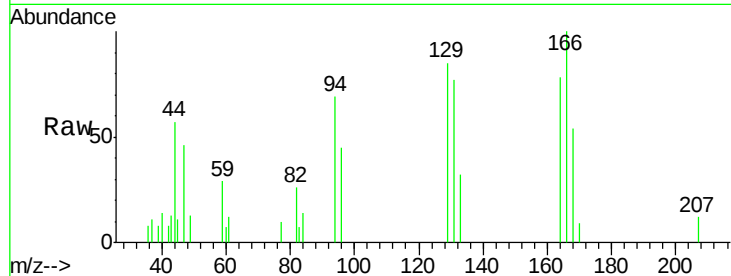
129 108.9 81.8 122.6

131 98.8 78.2 117.4

Manual Integrations
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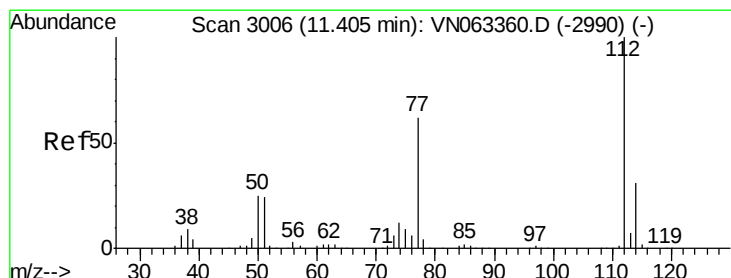
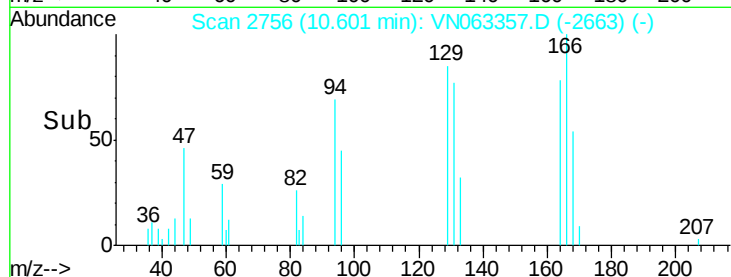
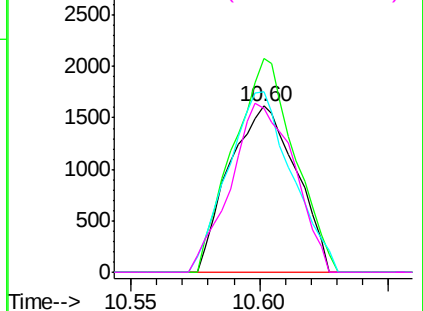


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.962 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063357.D

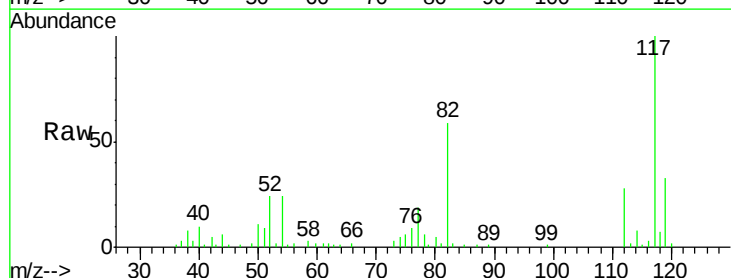
Acq: 16 Sep 2020 10:34

Tgt Ion:112 Resp: 8844

Ion Ratio Lower Upper

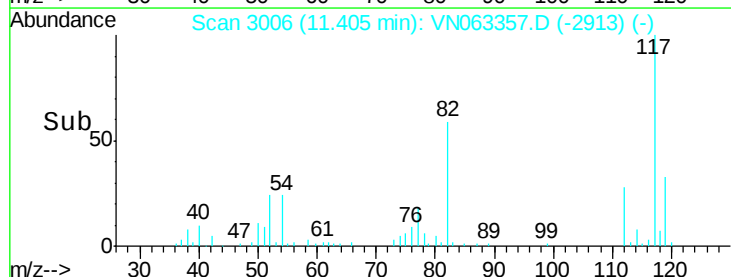
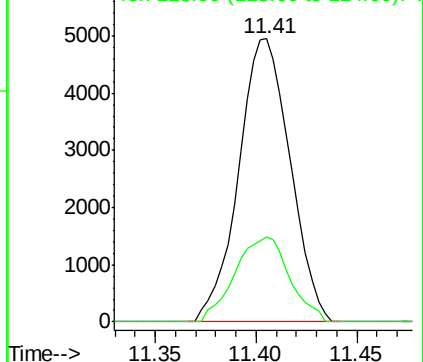
112 100

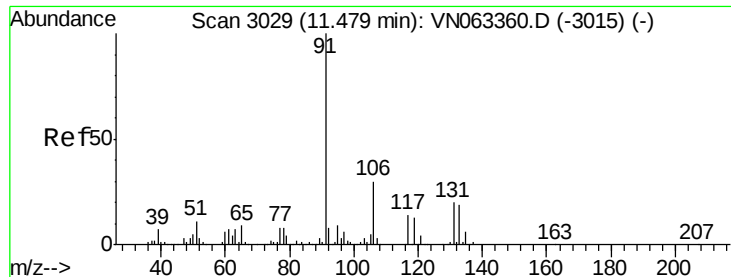
114 29.9 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.879 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

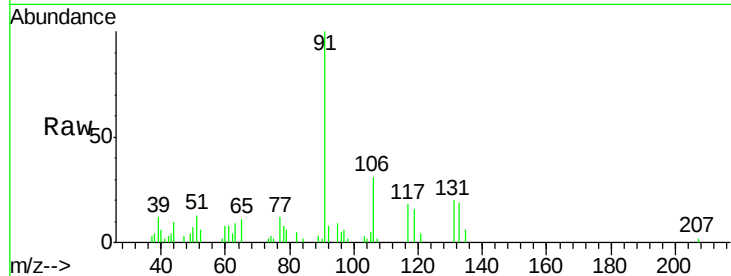
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	106.6	47.3	141.9
119	0.0	33.6	100.8#

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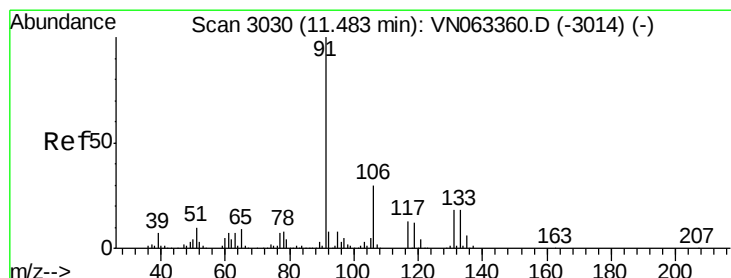
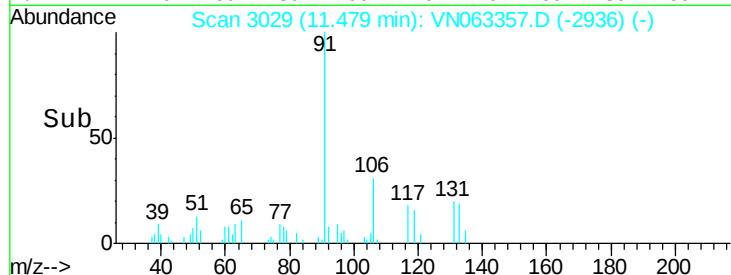
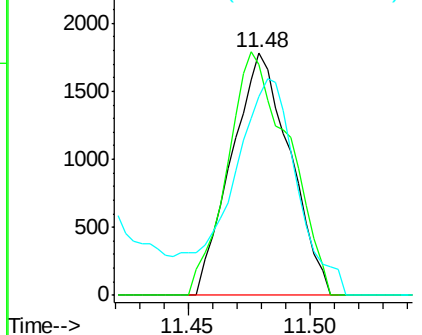
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Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.988 ug/l

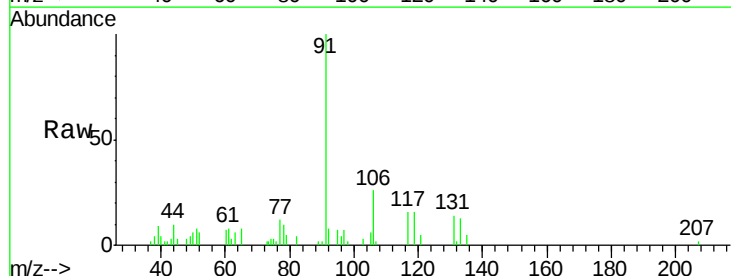
RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063357.D

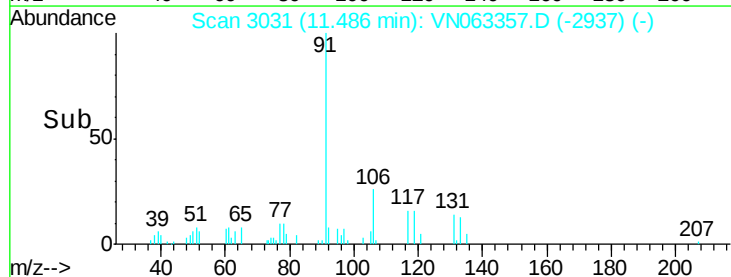
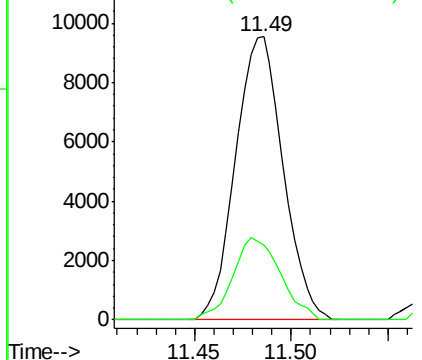
Acq: 16 Sep 2020 10:34

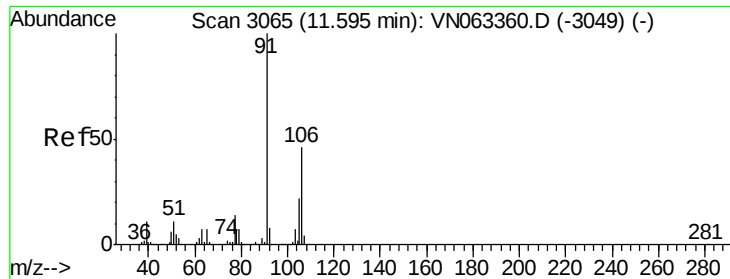
Tgt Ion	Ratio	Lower	Upper
91	100		
106	26.3	23.8	35.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.888 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 11573

Ion Ratio Lower Upper

106 100

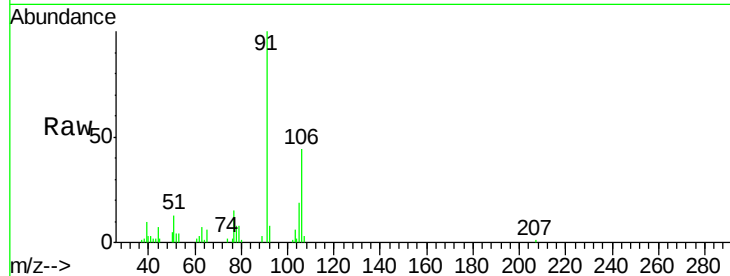
91 210.9 171.2 256.8

Manual Integrations

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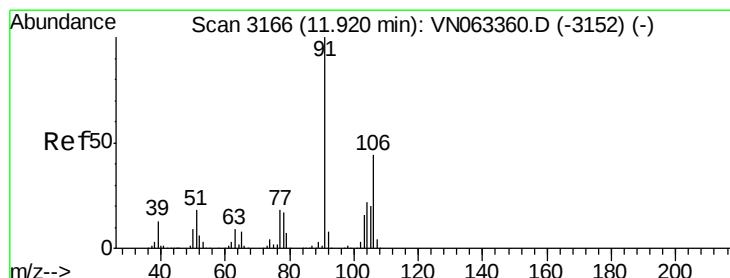
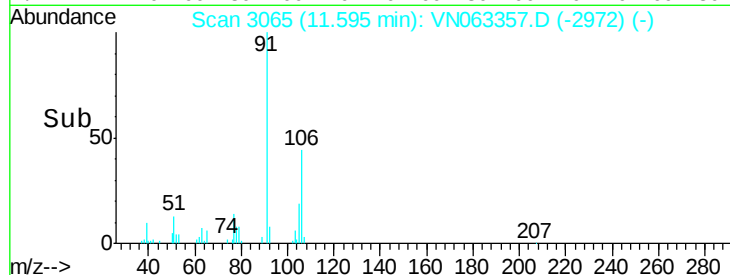
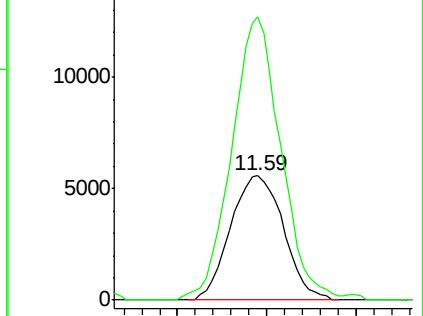
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.914 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN063357.D

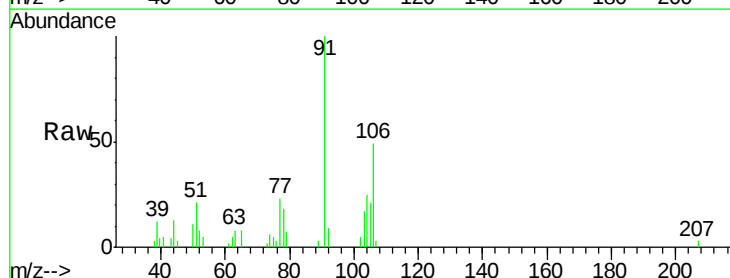
Acq: 16 Sep 2020 10:34

Tgt Ion:106 Resp: 5364

Ion Ratio Lower Upper

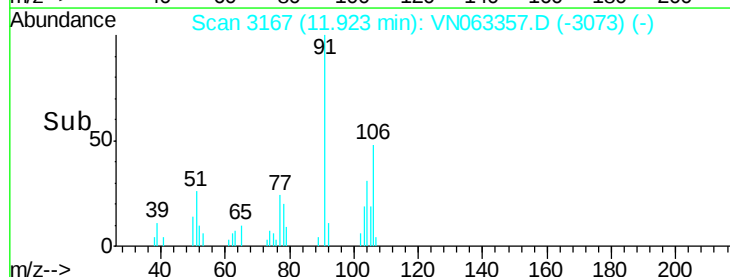
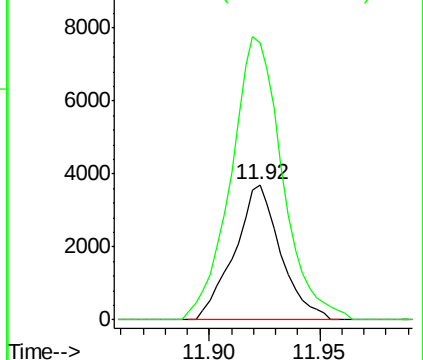
106 100

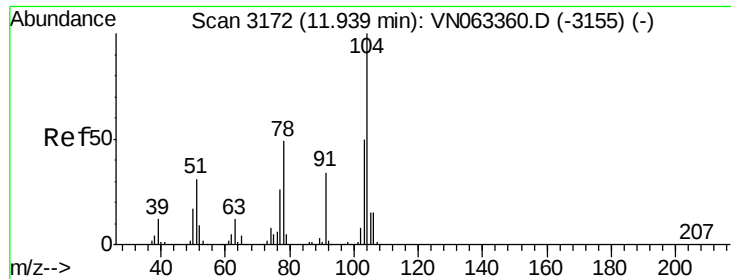
91 234.1 113.6 340.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





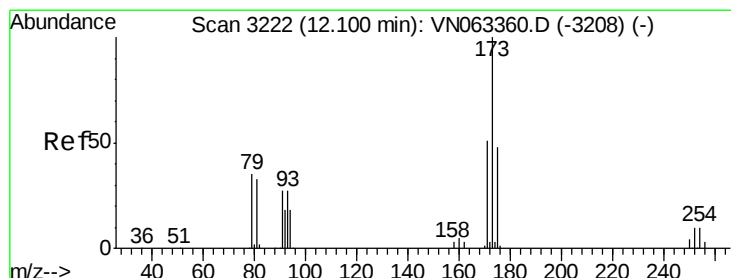
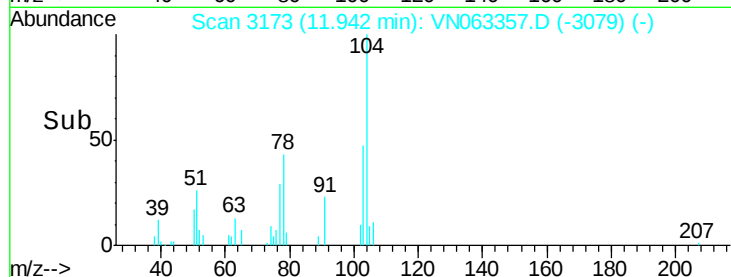
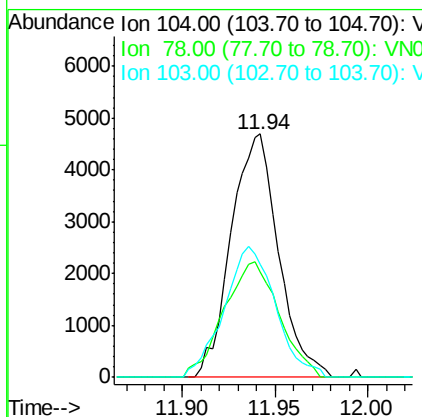
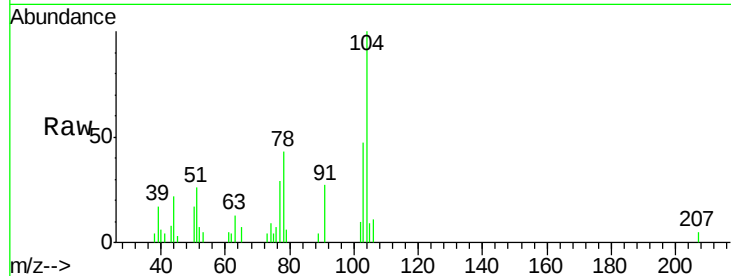
#70
Stvrene
Concen: 0.852 ug/l
RT: 11.94 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.4	44.4	66.6
103	58.3	43.7	65.5

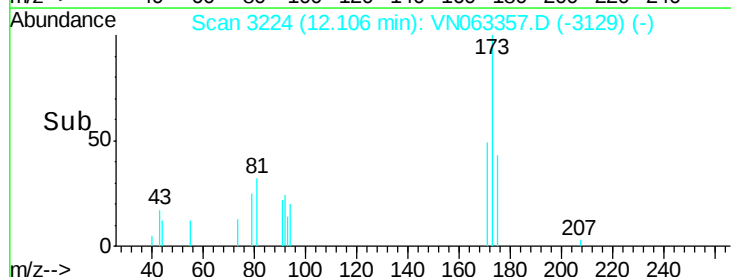
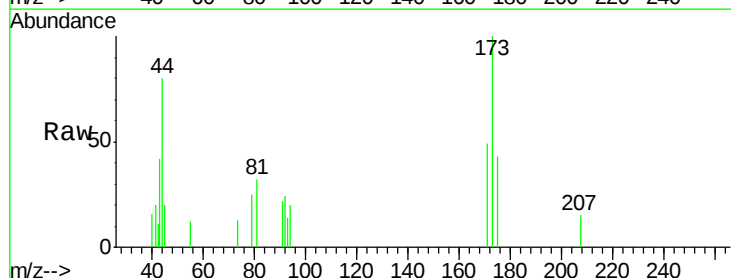
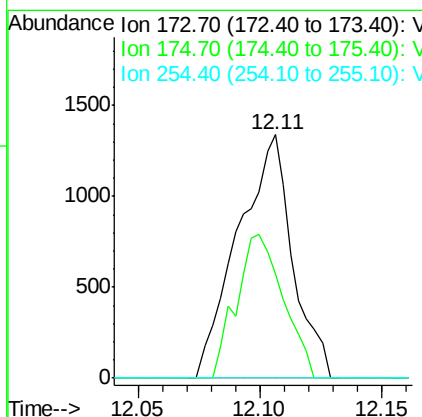
Manual Integrations
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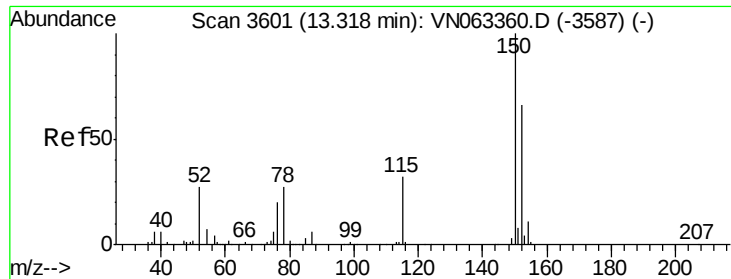
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#71
Bromoform
Concen: 0.883 ug/l
RT: 12.11 min Scan# 3224
Delta R.T. 0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.7	24.0	72.0
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 187035

Ion Ratio Lower Upper

152 100

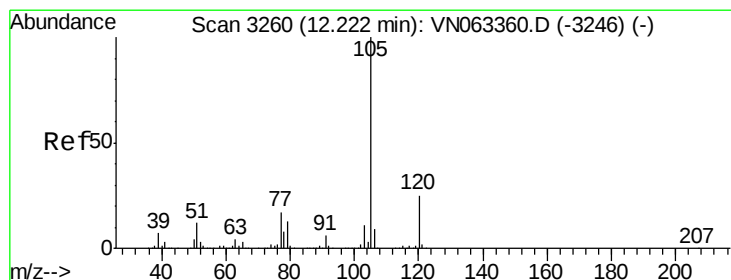
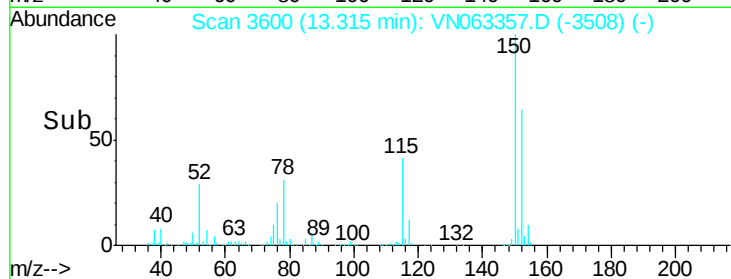
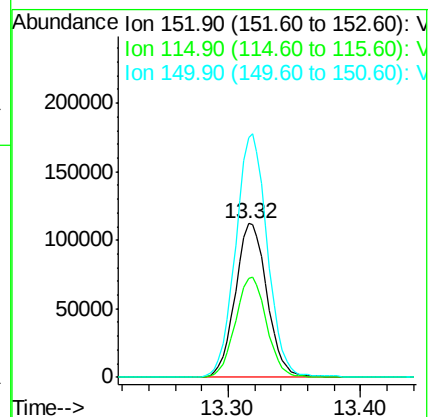
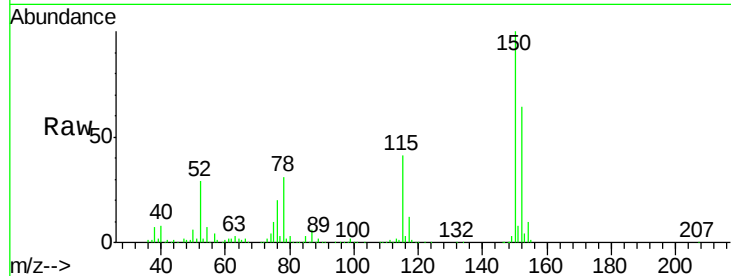
115 63.3 32.2 96.6

150 157.7 0.0 343.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.915 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063357.D

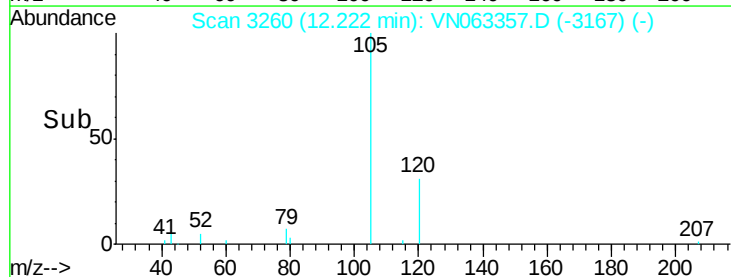
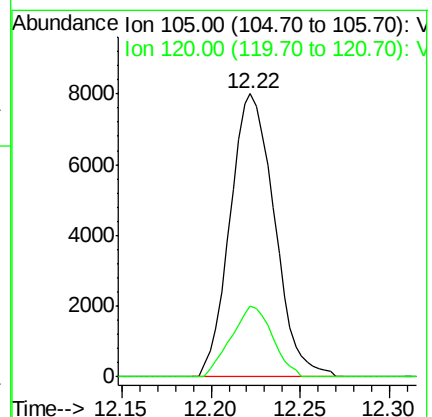
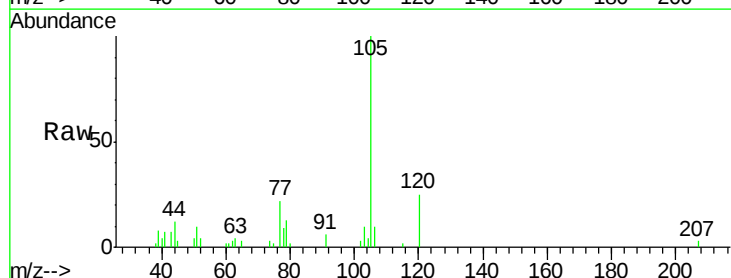
Acq: 16 Sep 2020 10:34

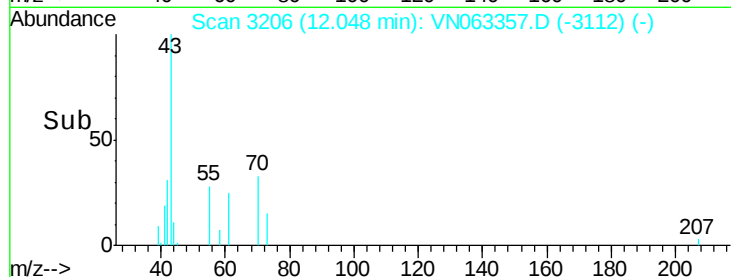
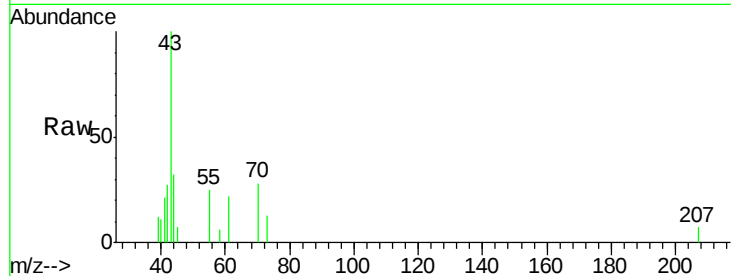
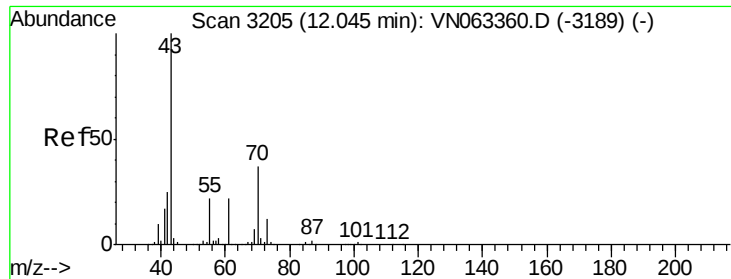
Tgt Ion:105 Resp: 13809

Ion Ratio Lower Upper

105 100

120 23.3 12.7 38.0





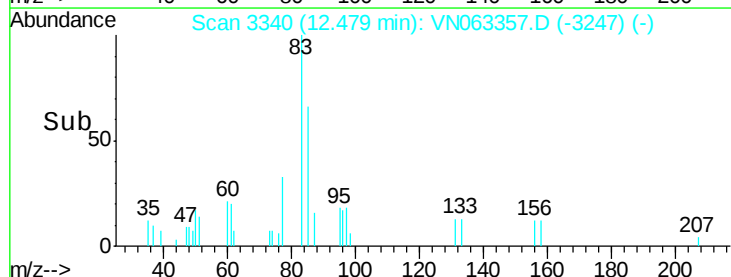
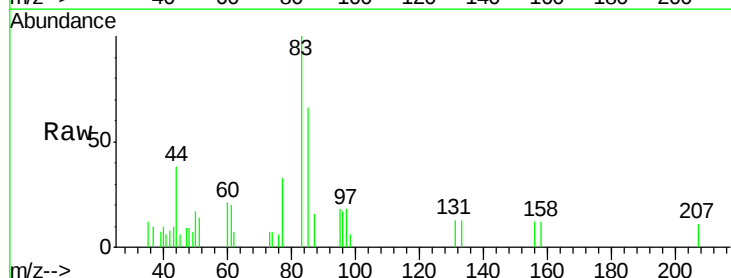
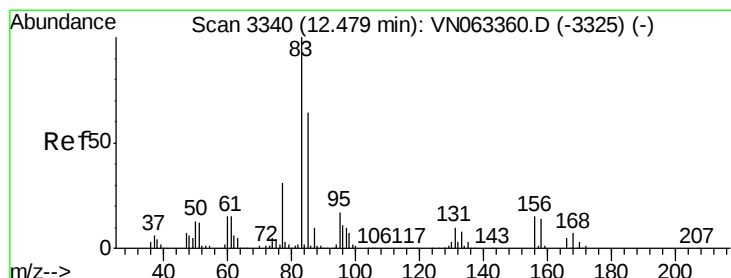
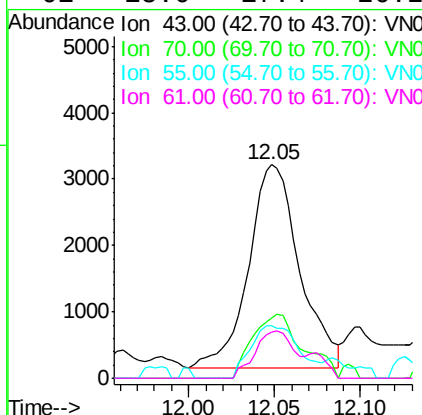
#74
N-amvl acetate
Concen: 1.006 ug/l
RT: 12.05 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		6298		
70	30.9	29.6	44.4		
55	24.8	17.7	26.5		
61	18.0	17.4	26.2		

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

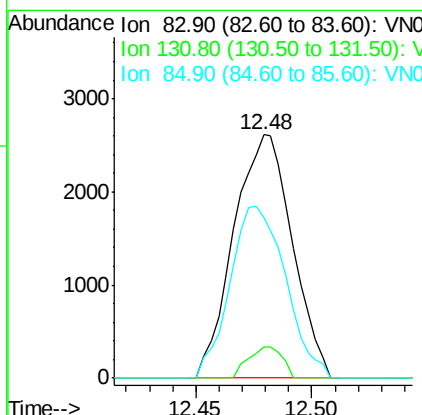
Manual Integrations
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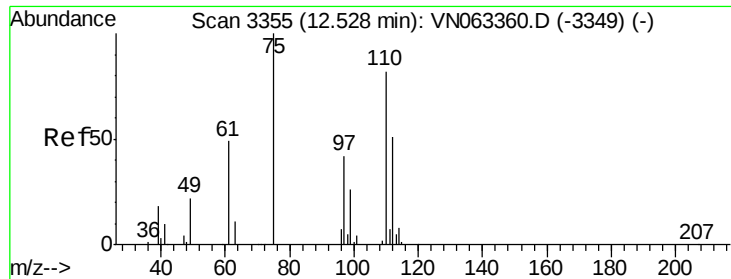
MMDadoda
9/17/2020 1:07:46 PM



#75
1,1,2,2-Tetrachloroethane
Concen: 1.045 ug/l
RT: 12.48 min Scan# 3340
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		4566		
131	7.4	4.9	14.7		
85	67.1	32.0	96.0		





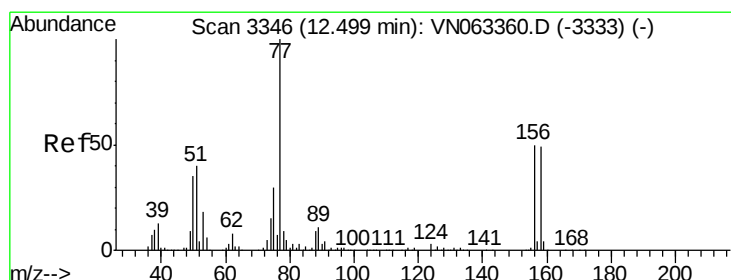
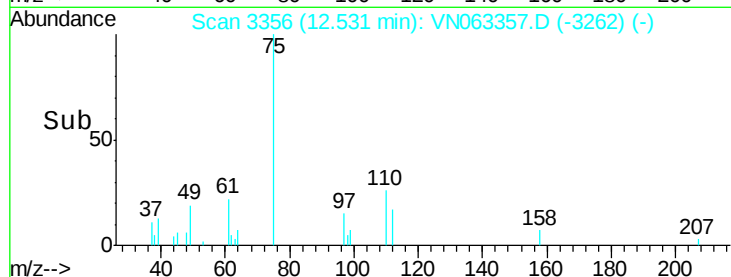
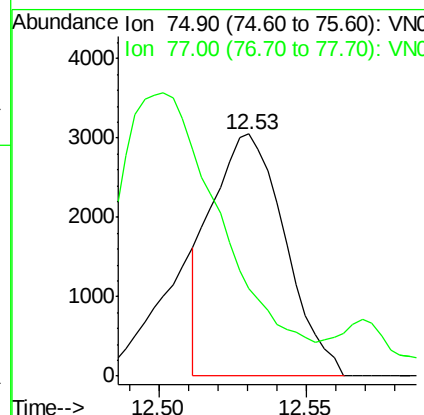
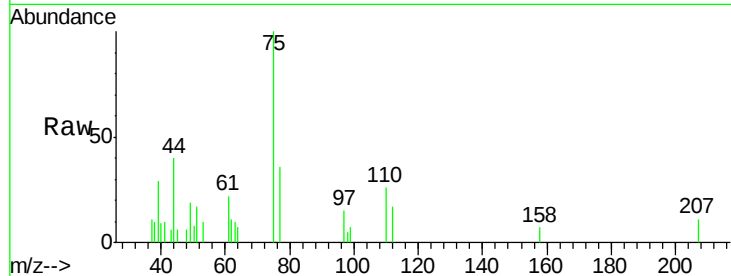
#76
 1,2,3-Trichloropropane
 Concen: 1.258 ug/l m
 RT: 12.53 min Scan# 3356
 Delta R.T. 0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 5293
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

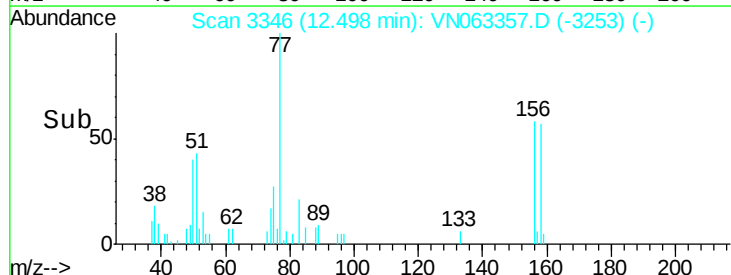
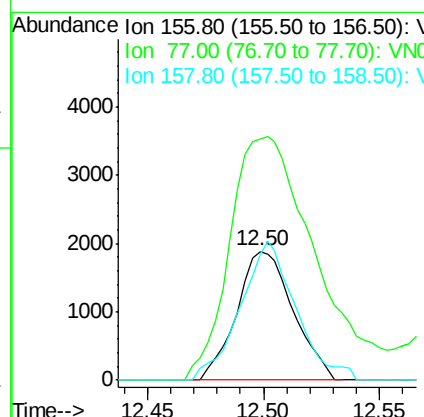
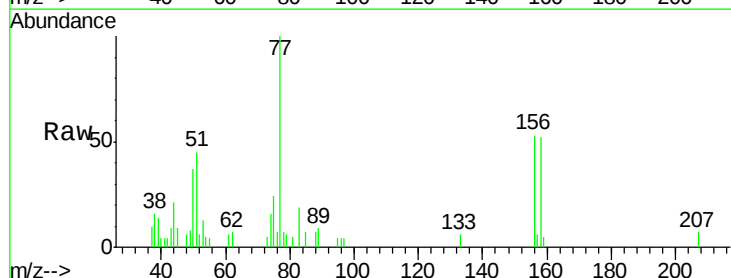
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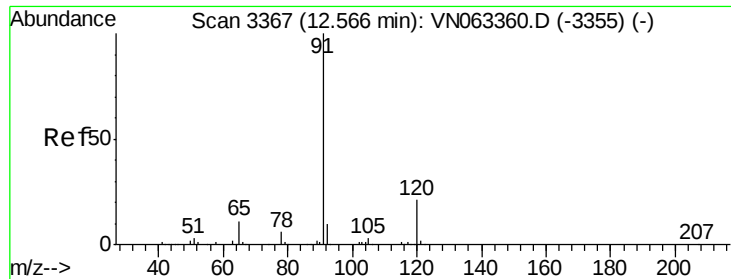
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#77
 Bromobenzene
 Concen: 0.917 ug/l
 RT: 12.50 min Scan# 3346
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 156 Resp: 3176
 Ion Ratio Lower Upper
 156 100
 77 285.9 120.2 360.6
 158 106.6 48.9 146.6





#78

n-propylbenzene

Concen: 0.953 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 16312

Ion Ratio Lower Upper

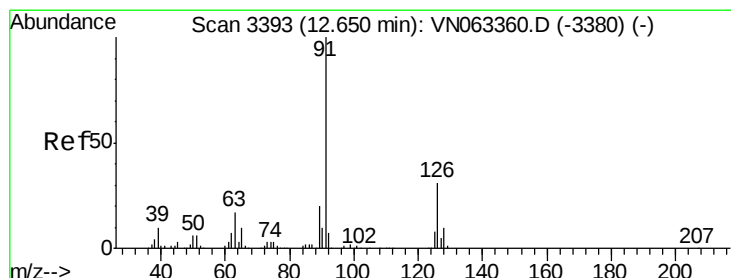
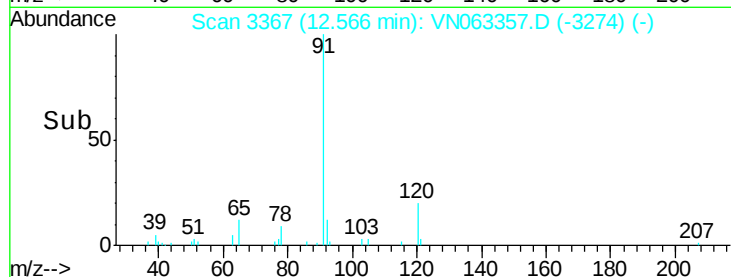
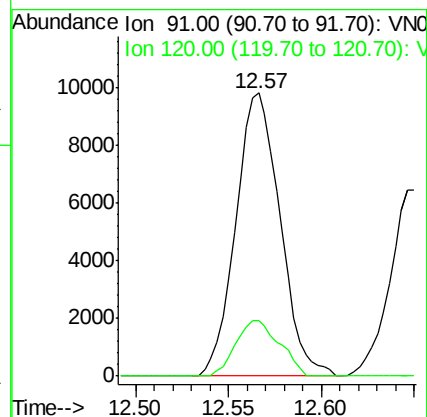
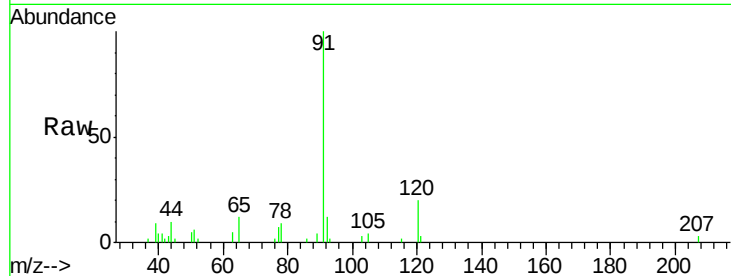
91 100

120 19.3 10.8 32.3

Manual Integrations
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#79

2-Chlorotoluene

Concen: 0.982 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN063357.D

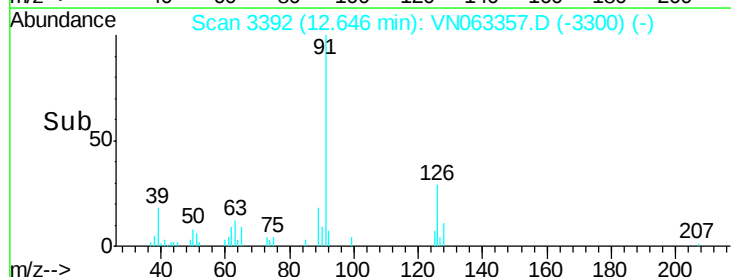
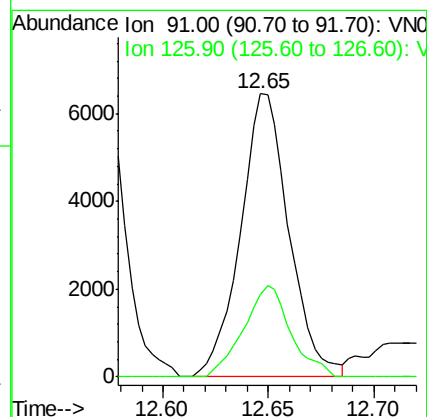
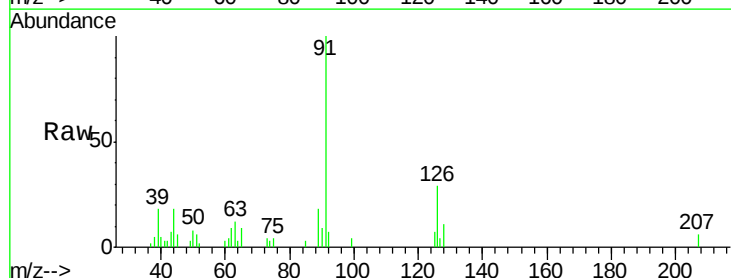
Acq: 16 Sep 2020 10:34

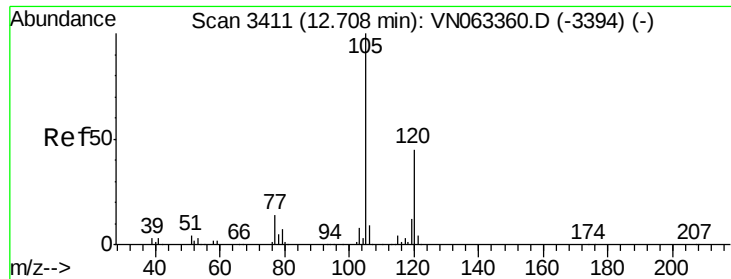
Tgt Ion: 91 Resp: 10328

Ion Ratio Lower Upper

91 100

126 31.3 15.8 47.3





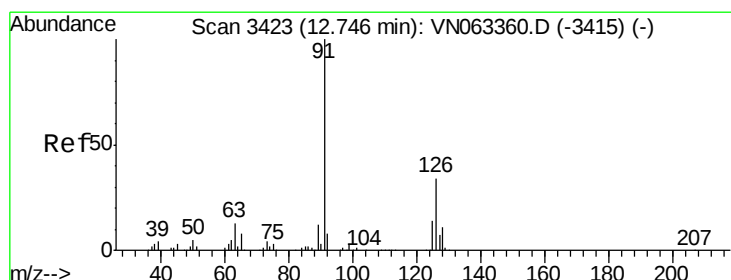
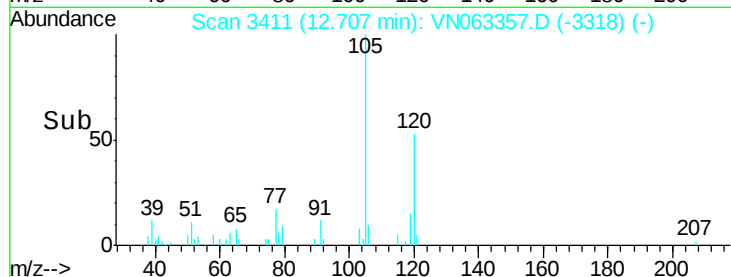
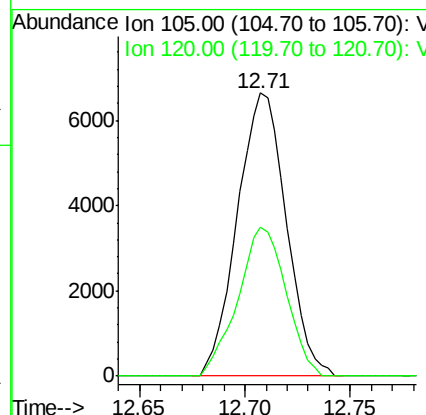
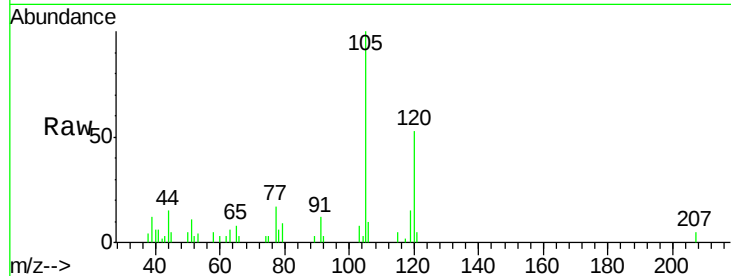
#80
 1,3,5-Trimethylbenzene
 Concen: 0.854 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	51.6	22.9	68.8

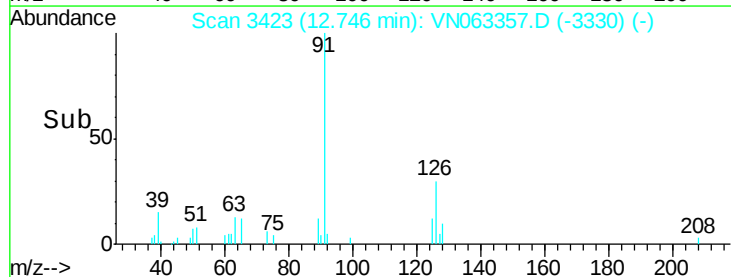
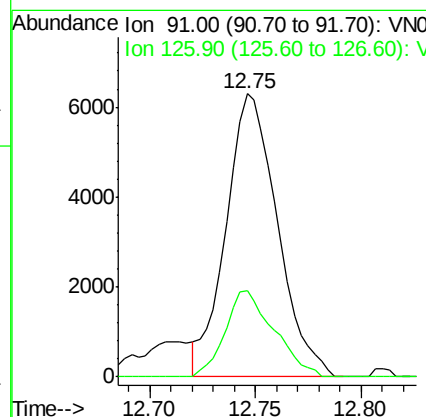
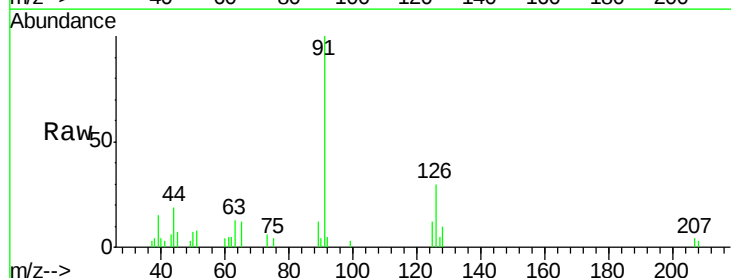
Manual Integrations
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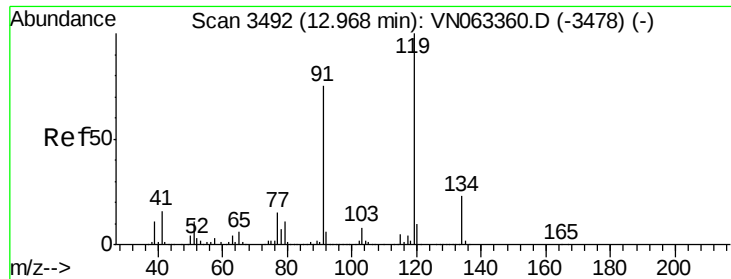
MMDadoda
 9/17/2020 1:07:46 PM



#82
 4-Chlorotoluene
 Concen: 0.964 ug/l
 RT: 12.75 min Scan# 3423
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	15.5	46.5





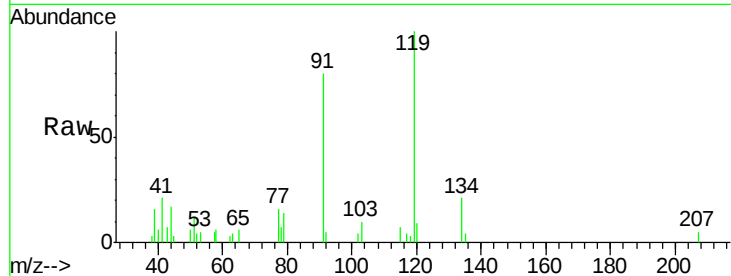
#83
tert-Butylbenzene
Concen: 0.912 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

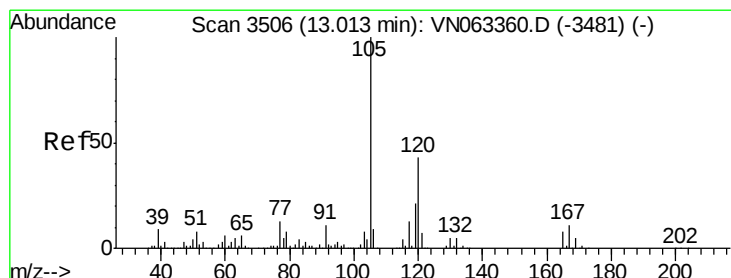
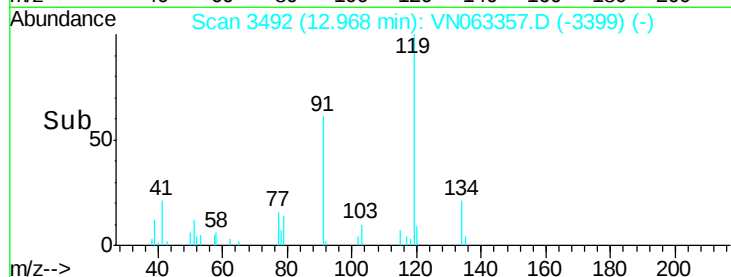
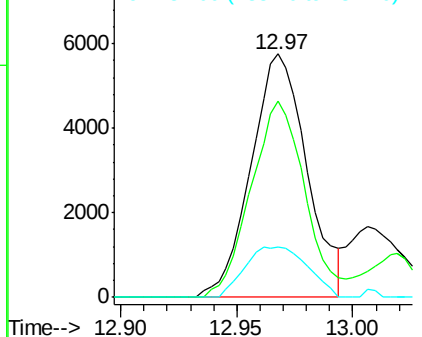
Tot Ion	Ratio	Lower	Upper
119	100		
91	77.5	36.3	108.9
134	23.1	12.3	36.8

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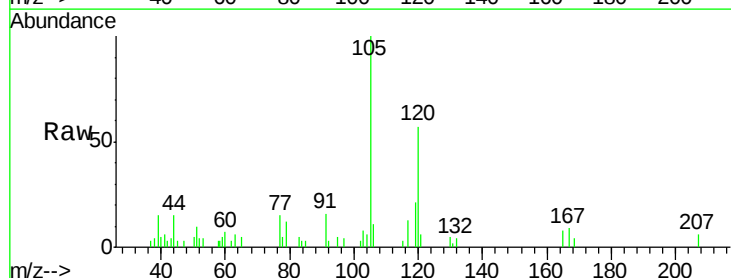


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

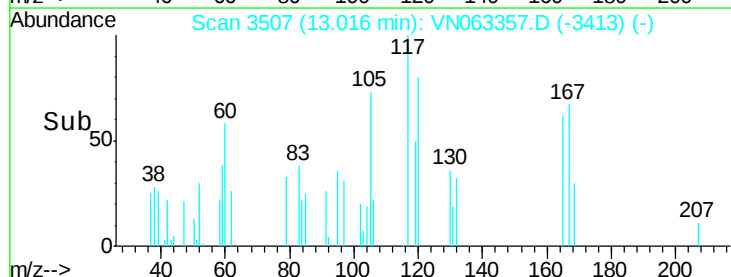
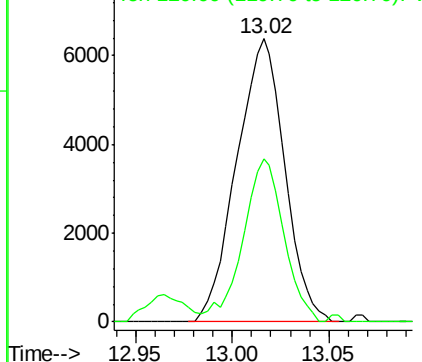


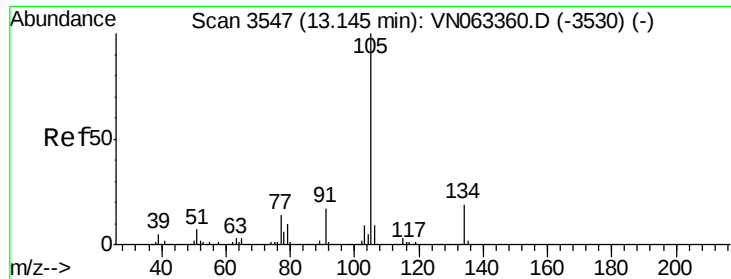
#84
1,2,4-Trimethylbenzene
Concen: 0.872 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	21.3	63.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.930 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 12565

Ion Ratio Lower Upper

105 100

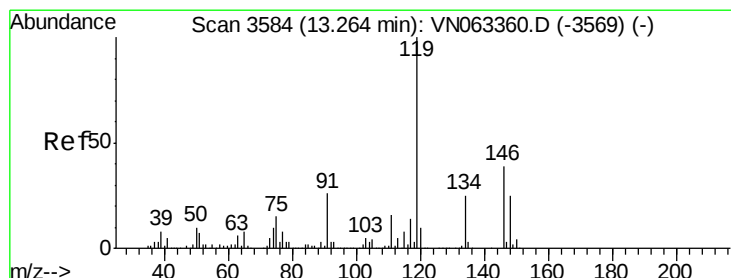
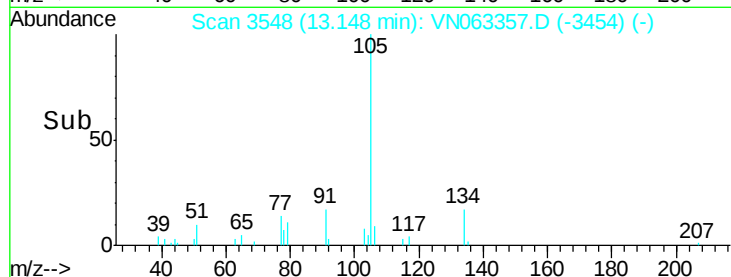
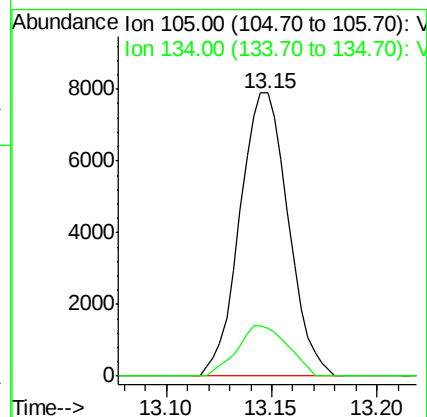
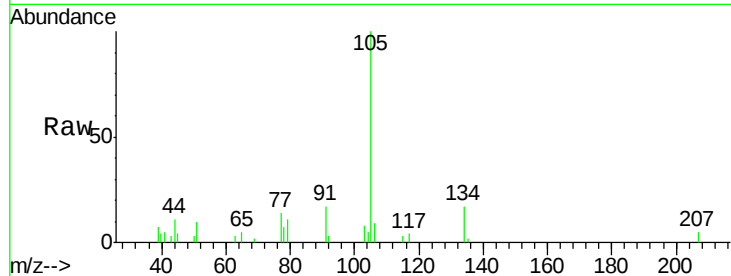
134 18.7 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 0.881 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

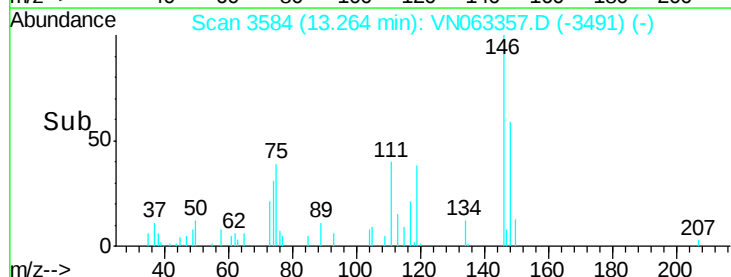
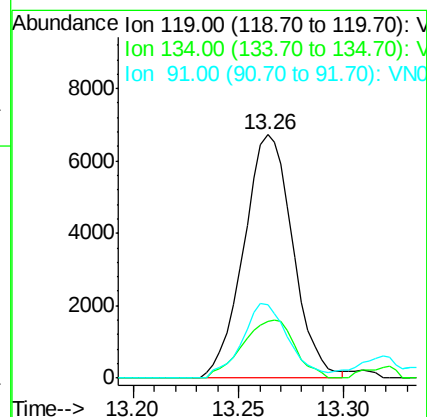
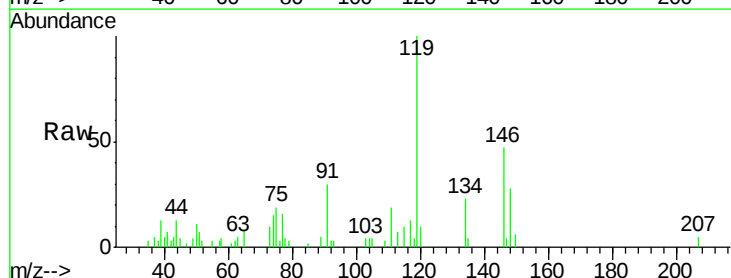
Tgt Ion:119 Resp: 10885

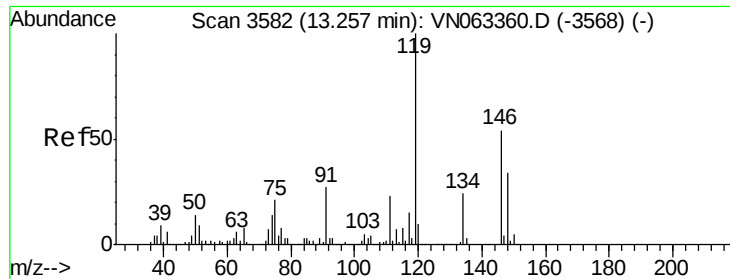
Ion Ratio Lower Upper

119 100

134 25.3 12.5 37.5

91 29.0 13.4 40.1





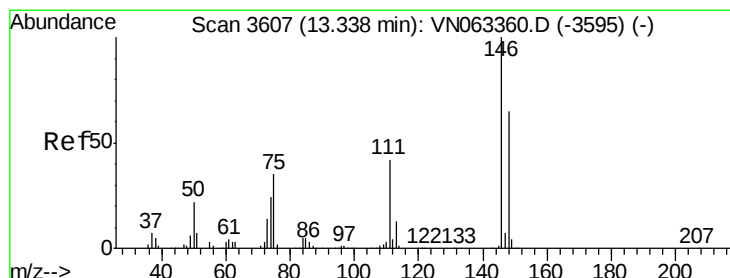
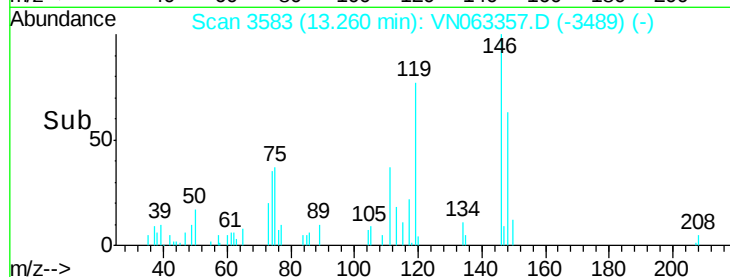
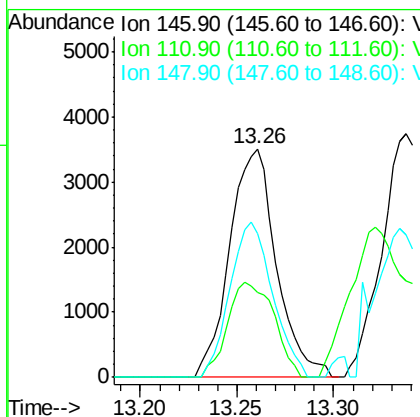
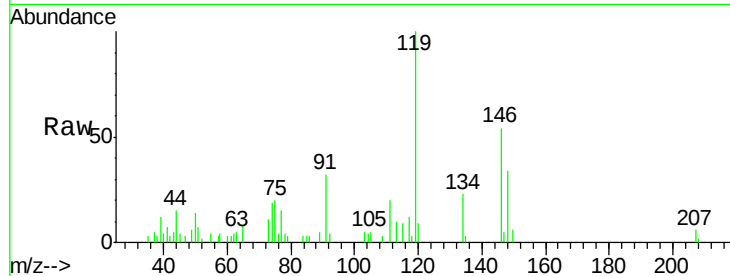
#87
 1,3-Dichlorobenzene
 Concen: 0.930 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.4	64.3
148	62.1	31.9	95.7

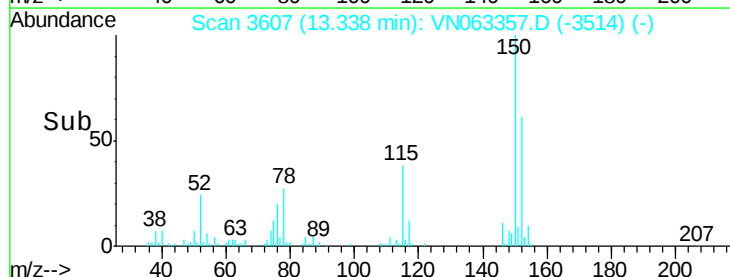
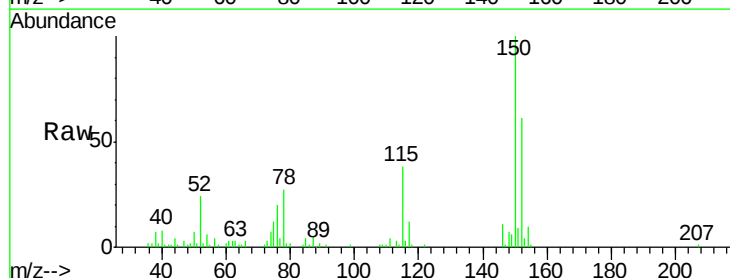
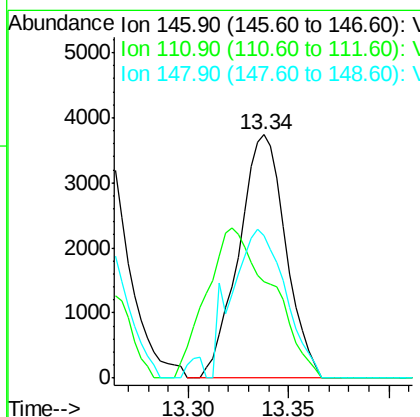
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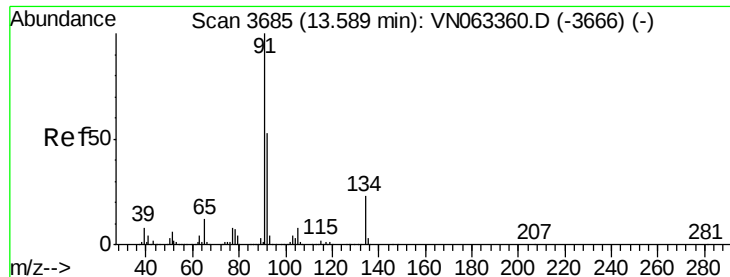
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#88
 1,4-Dichlorobenzene
 Concen: 0.926 ug/l m
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.2	63.6
148	59.9	31.9	95.9





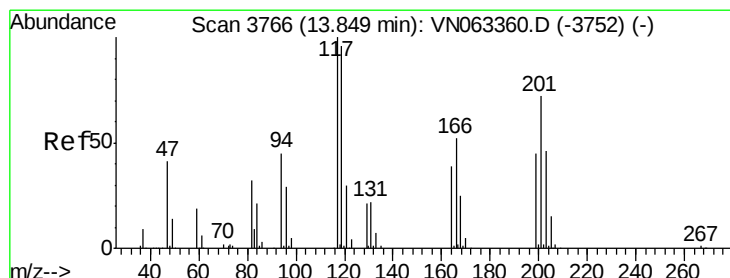
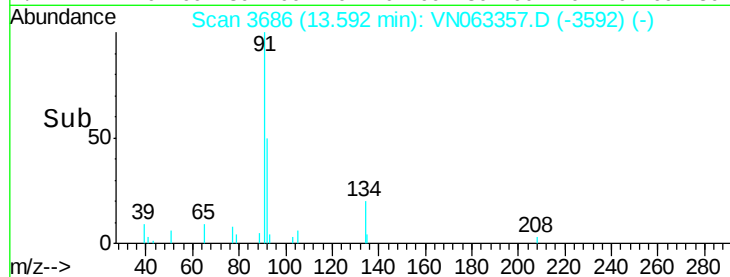
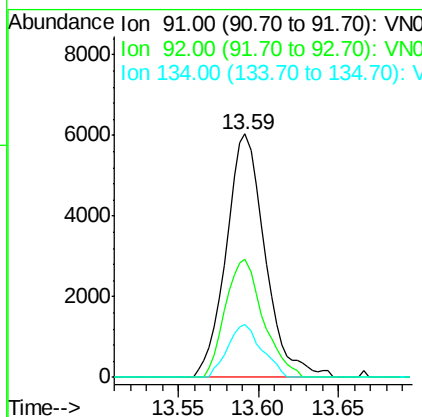
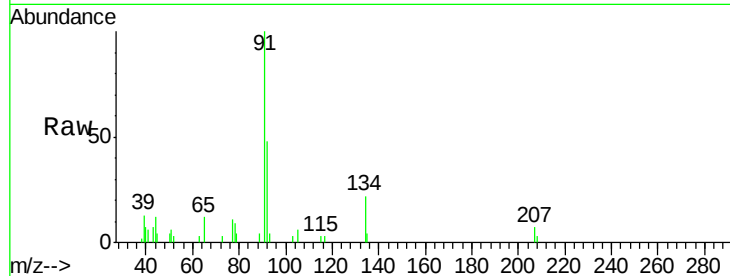
#89
n-Butylbenzene
Concen: 0.895 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	46.9	26.0	78.0
134	18.9	11.7	35.0

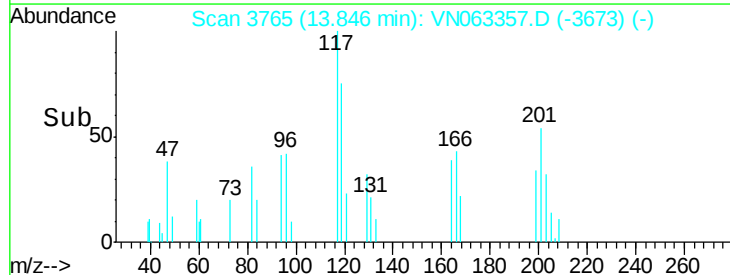
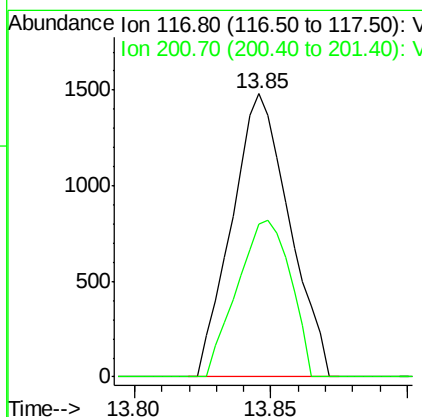
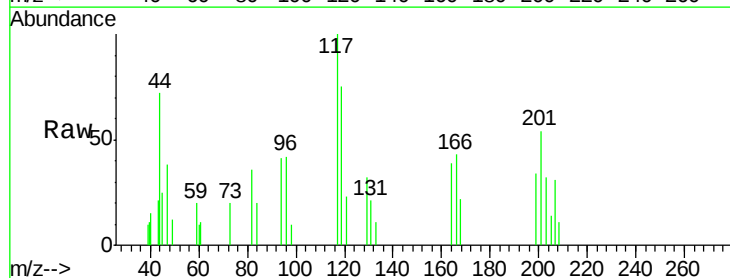
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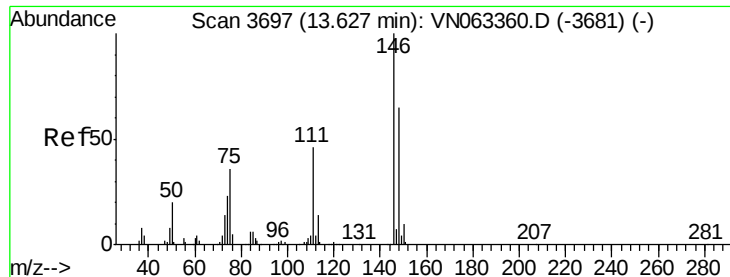
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#90
Hexachloroethane
Concen: 1.051 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	51.4	35.5	106.7





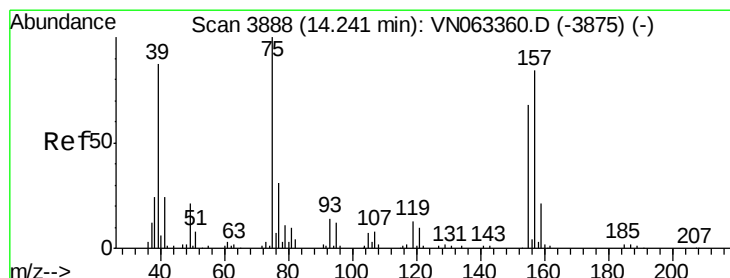
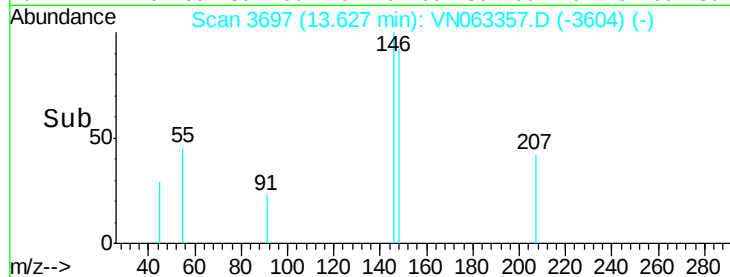
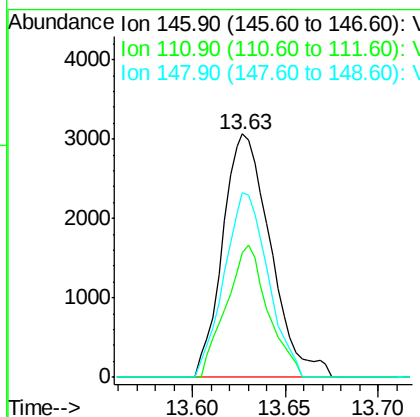
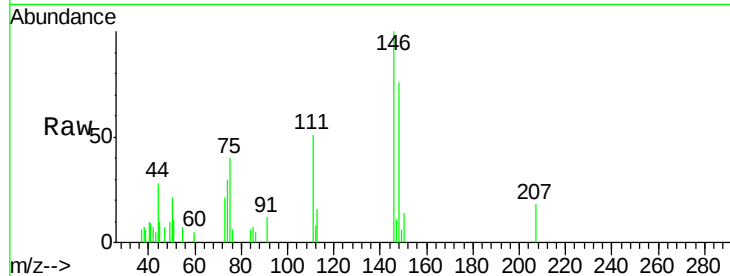
#91
 1,2-Dichlorobenzene
 Concen: 0.877 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:	146	Resp:	5501
Ion Ratio	Lower	Upper	
146	100		
111	47.2	22.4	67.2
148	69.3	32.0	96.0

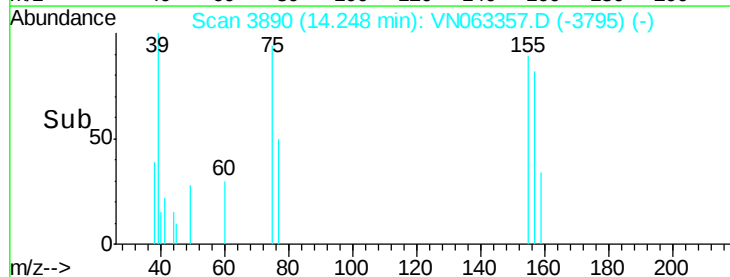
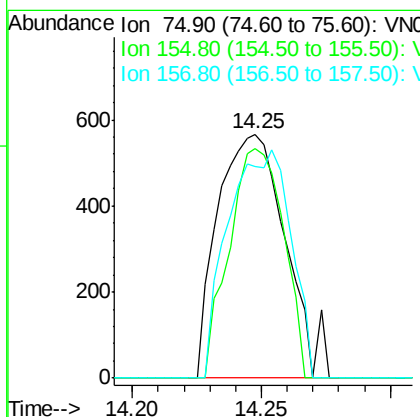
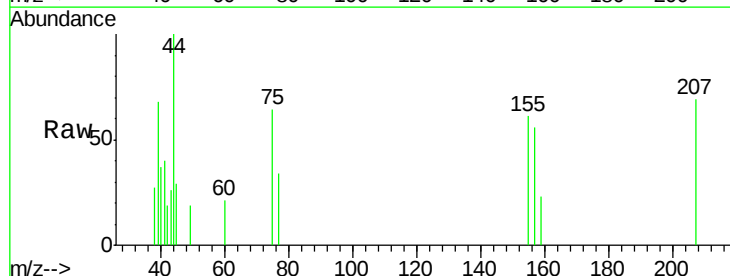
Manual Integrations
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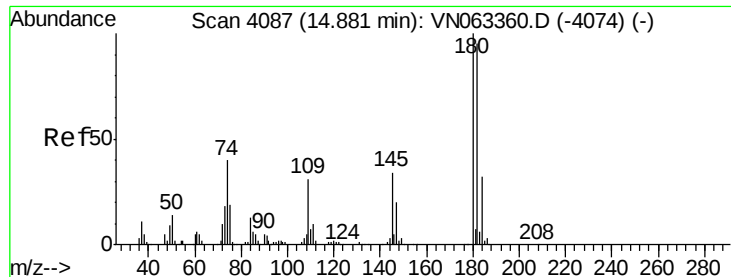
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.034 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion:	75	Resp:	1034
Ion Ratio	Lower	Upper	
75	100		
155	75.5	34.6	103.9
157	87.0	43.7	131.1





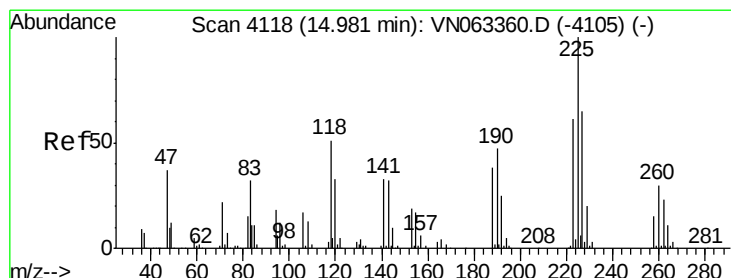
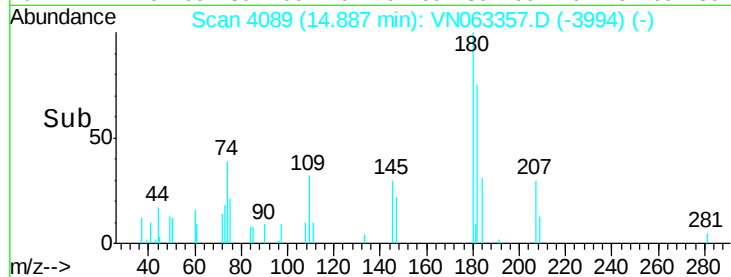
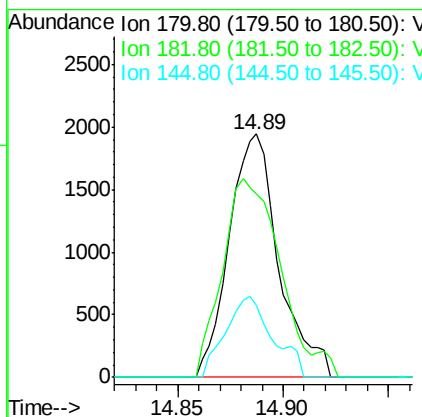
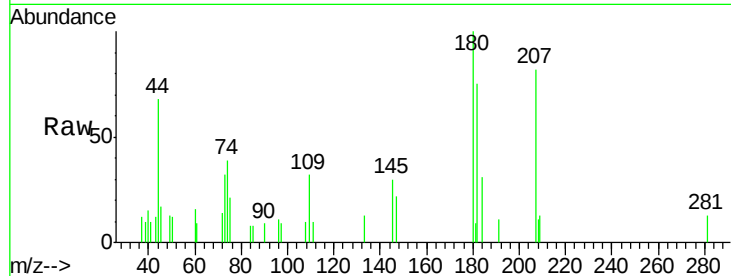
#93
 1,2,4-Trichlorobenzene
 Concen: 0.861 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	31.4	16.6	49.7

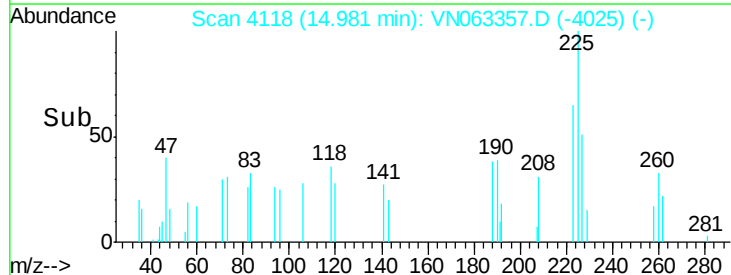
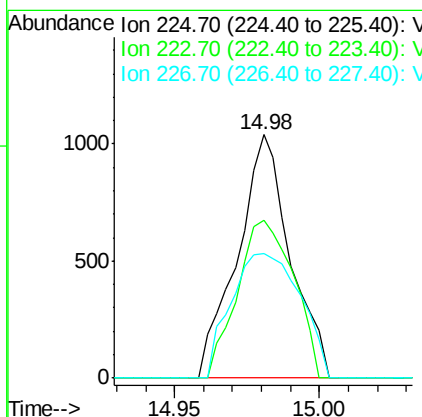
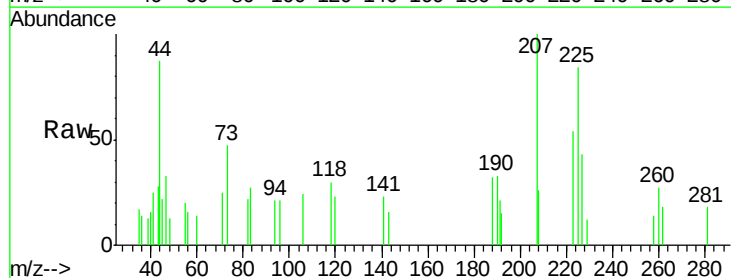
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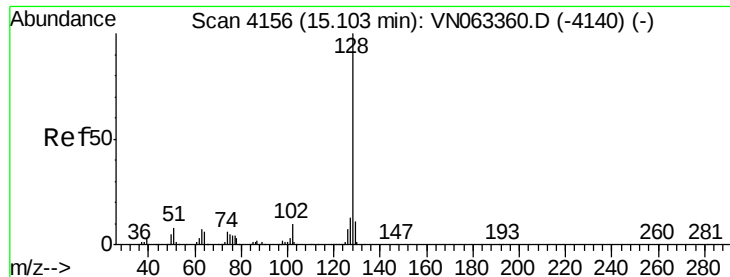
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 9/17/2020 1:07:46 PM



#94
 Hexachlorobutadiene
 Concen: 0.832 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.1	30.6	91.6
227	67.3	31.2	93.6





#95

Naphthalene

Concen: 0.864 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

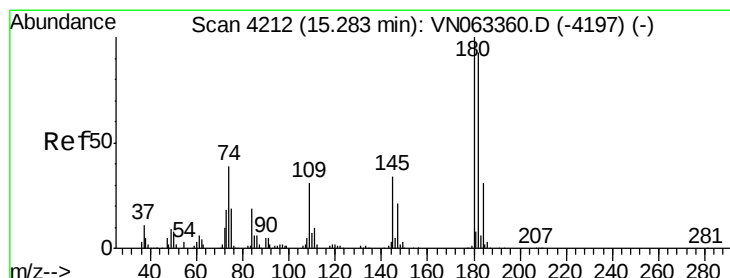
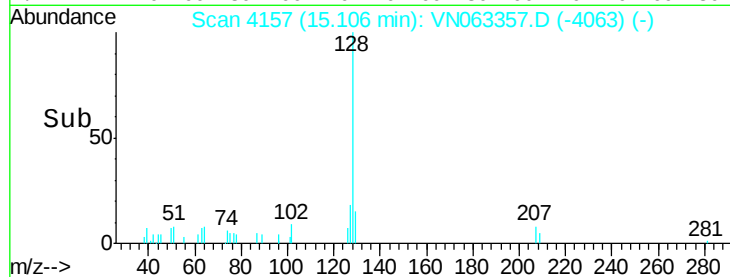
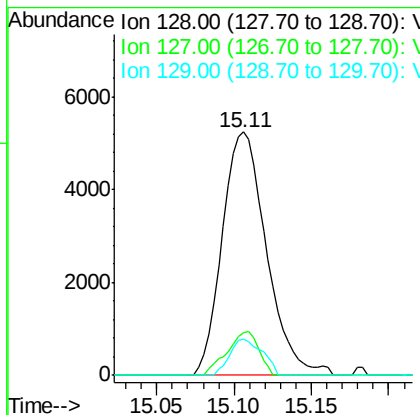
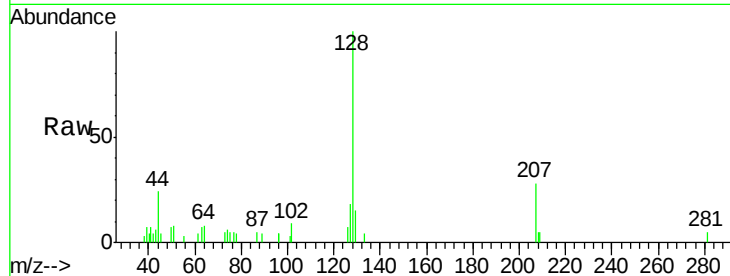
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	10414
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.9	8.8	13.2

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#96

1,2,3-Trichlorobenzene

Concen: 0.889 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Tgt Ion:	180	Resp:	3216
Ion Ratio	Lower	Upper	
180	100		
182	83.9	46.7	140.1
145	27.6	16.8	50.3

