

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064425.D
 Acq On : 4 Nov 2020 9:38
 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
 11/5/2020 10:59:30 AM

Quant Time: Nov 04 11:56:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	337085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	604185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	536270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198246	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	1.84	85	4550	1.141	ug/l	99
3) Chloromethane	2.04	50	5933	1.341	ug/l	90
4) Vinyl Chloride	2.17	62	5746	1.333	ug/l	89
6) Chloroethane	2.68	64	3992	1.518	ug/l #	88
7) Trichlorofluoromethane	2.99	101	8782	1.244	ug/l	98
8) Diethyl Ether	3.37	74	3080m	1.355	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.71	101	4129	1.179	ug/l #	76
12) 1,1-Dichloroethene	3.70	96	3665	1.109	ug/l #	64
14) Allyl chloride	4.27	41	7064	1.049	ug/l	98
15) Acrylonitrile	4.94	53	6714	3.881	ug/l	91
16) Acetone	3.77	43	12353	6.017	ug/l	92
17) Carbon Disulfide	4.00	76	11424	1.158	ug/l #	89
18) Methyl Acetate	4.29	43	4993m	1.210	ug/l	
19) Methyl tert-butyl Ether	4.99	73	12418	0.986	ug/l #	88
20) Methylene Chloride	4.50	84	5157	1.307	ug/l #	80
21) trans-1,2-Dichloroethene	4.98	96	4005m	1.076	ug/l	
22) Diisopropyl ether	5.90	45	13676	1.020	ug/l #	79
23) Vinyl Acetate	5.85	43	49870	4.444	ug/l	99
24) 1,1-Dichloroethane	5.79	63	8113m	1.091	ug/l	
25) 2-Butanone	6.79	43	12030	4.321	ug/l	99
26) 2,2-Dichloropropane	6.77	77	7780	1.084	ug/l #	75
27) cis-1,2-Dichloroethene	6.78	96	4794	1.128	ug/l	96
28) Bromochloromethane	7.14	49	4014	1.161	ug/l #	99
29) Tetrahydrofuran	7.17	42	8398	4.714	ug/l #	73
30) Chloroform	7.33	83	8887	1.119	ug/l	92
32) 1,1,1-Trichloroethane	7.52	97	8078m	1.077	ug/l	
36) 1,1-Dichloropropene	7.75	75	5910	0.949	ug/l	97
37) Ethyl Acetate	6.88	43	2834	0.456	ug/l #	90
38) Carbon Tetrachloride	7.73	117	6958	0.985	ug/l #	95
39) Methylcyclohexane	9.04	83	5222	0.859	ug/l	99
40) Benzene	8.00	78	18516	1.061	ug/l	100
41) Methacrylonitrile	7.12	41	2676m	0.884	ug/l	
42) 1,2-Dichloroethane	8.08	62	7073	0.952	ug/l	99
43) Isopropyl Acetate	8.13	43	8792	0.829	ug/l #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.79	130	4829	1.072	ug/l	95
45) 1,2-Dichloropropane	9.08	63	4940	1.055	ug/l	92
46) Dibromomethane	9.18	93	3159	0.983	ug/l	90
47) Bromodichloromethane	9.37	83	6778	0.950	ug/l	99
48) Methyl methacrylate	9.16	41	4478	0.818	ug/l	94
49) 1,4-Dioxane	9.16	88	1176	14.902	ug/l #	77
51) 4-Methyl-2-Pentanone	9.95	43	25745	4.154	ug/l	92
52) Toluene	10.13	92	10066	0.916	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	6173	0.814	ug/l	95
54) cis-1,3-Dichloropropene	9.80	75	6965	0.892	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	4232	0.980	ug/l	96
56) Ethyl methacrylate	10.40	69	4870	0.748	ug/l	95
57) 1,3-Dichloropropane	10.67	76	7141	0.970	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.66	63	11572	3.417	ug/l	99
59) 2-Hexanone	10.72	43	16009	3.514	ug/l	90
60) Dibromochloromethane	10.87	129	4586	0.912	ug/l	91
61) 1,2-Dibromoethane	10.98	107	3859	0.883	ug/l	95
64) Tetrachloroethene	10.60	164	4330	0.984	ug/l	97
65) Chlorobenzene	11.40	112	11577	1.044	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.48	131	4219	0.951	ug/l #	58
67) Ethyl Benzene	11.48	91	18721	0.909	ug/l	95
68) m/p-Xylenes	11.59	106	13163	1.726	ug/l	98
69) o-Xylene	11.92	106	6383	0.868	ug/l	93
70) Styrene	11.94	104	9932	0.824	ug/l	97
71) Bromoform	12.10	173	2475	0.725	ug/l #	95
73) Isopropylbenzene	12.22	105	14923	0.984	ug/l	96
74) N-amyl acetate	12.05	43	5016	0.753	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.48	83	5324	1.202	ug/l	92
76) 1,2,3-Trichloropropane	12.53	75	5140m	1.082	ug/l	
77) Bromobenzene	12.50	156	4030	1.094	ug/l	89
78) n-propylbenzene	12.57	91	16734	0.974	ug/l	100
79) 2-Chlorotoluene	12.65	91	11082	1.013	ug/l	94
80) 1,3,5-Trimethylbenzene	12.71	105	11796	0.923	ug/l	99
82) 4-Chlorotoluene	12.75	91	11209	1.000	ug/l	97
83) tert-Butylbenzene	12.96	119	9119	0.878	ug/l	93
84) 1,2,4-Trimethylbenzene	13.01	105	11481	0.898	ug/l	96
85) sec-Butylbenzene	13.14	105	10512	0.779	ug/l	96
86) p-Isopropyltoluene	13.26	119	9231	0.762	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	6343	0.980	ug/l	95
88) 1,4-Dichlorobenzene	13.33	146	7254m	1.100	ug/l	
89) n-Butylbenzene	13.59	91	7555	0.707	ug/l	93
90) Hexachloroethane	13.85	117	2134	0.944	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	5632	0.875	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.24	75	803	0.756	ug/l	80
93) 1,2,4-Trichlorobenzene	14.88	180	1580	0.511	ug/l	90
94) Hexachlorobutadiene	14.99	225	1326m	0.710	ug/l	
95) Naphthalene	15.10	128	4424	0.456	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.29	180	1708	0.572	ug/l	91

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VSTDICC001

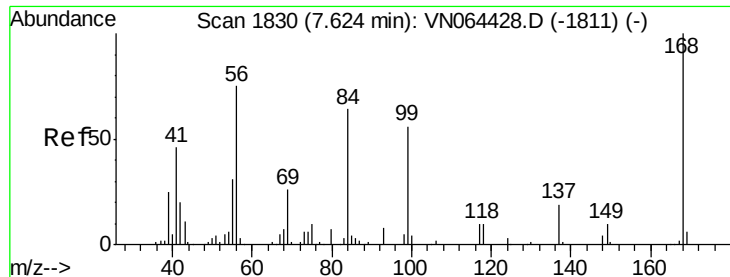
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 337085

Ion Ratio Lower Upper

168 100

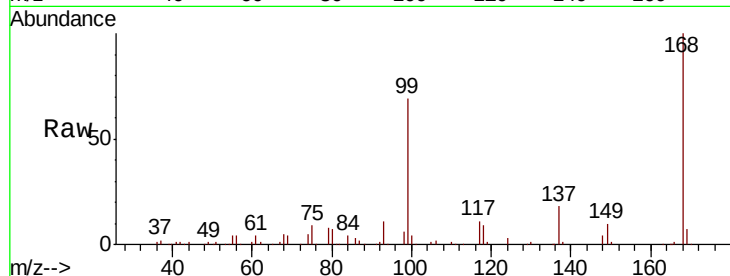
99 69.1 53.4 80.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

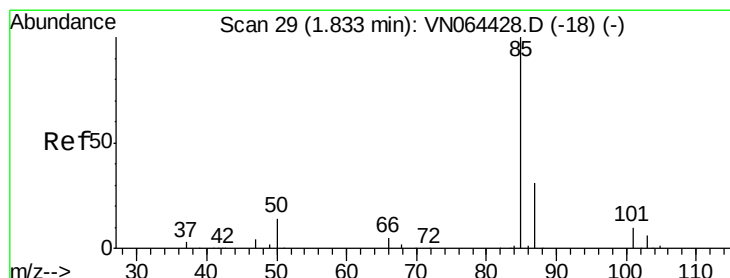
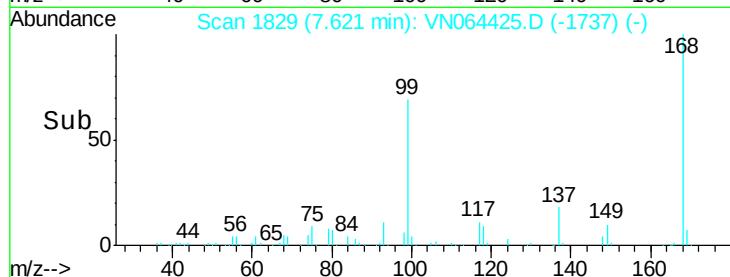
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 1.141 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064425.D

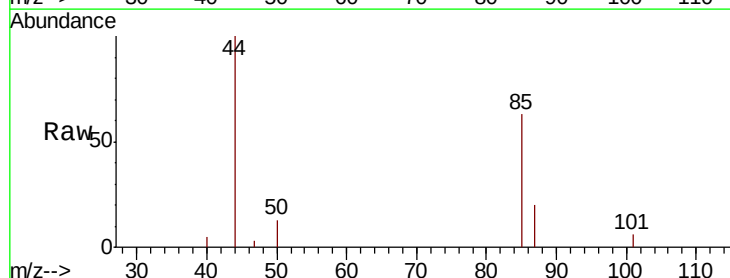
Acq: 4 Nov 2020 9:38

Tgt Ion: 85 Resp: 4550

Ion Ratio Lower Upper

85 100

87 31.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

4000

3000

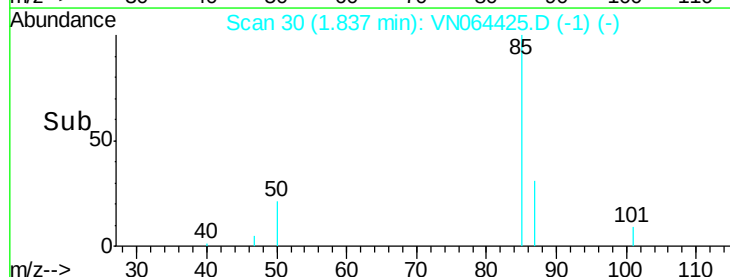
2000

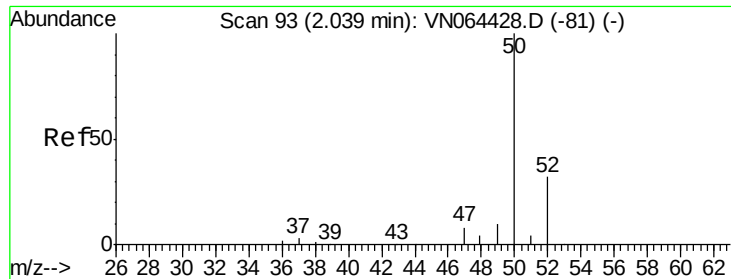
1000

0

1.80 1.85

Time-->





#3

Chloromethane

Concen: 1.341 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5933

Ion Ratio Lower Upper

50 100

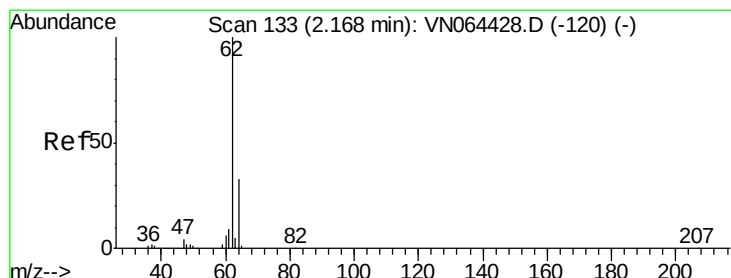
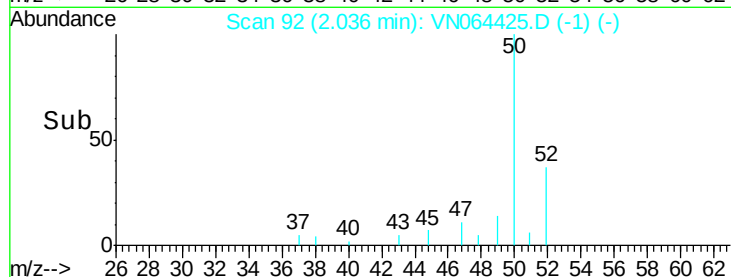
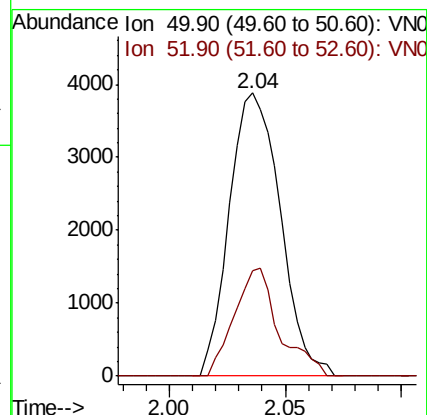
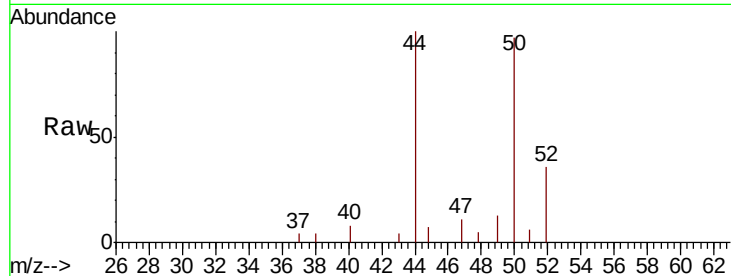
52 37.3 25.3 37.9

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#4

Vinyl Chloride

Concen: 1.333 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064425.D

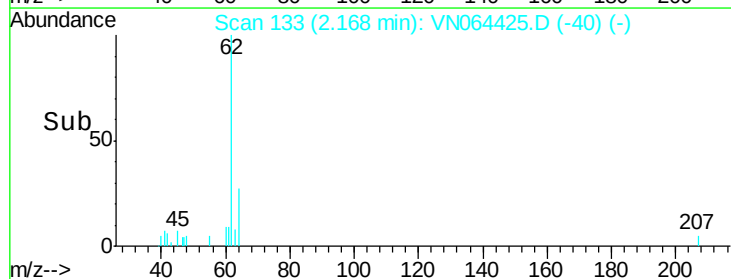
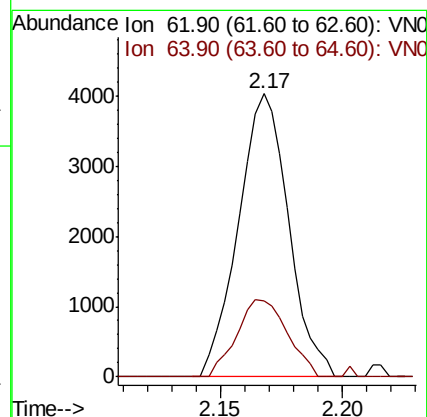
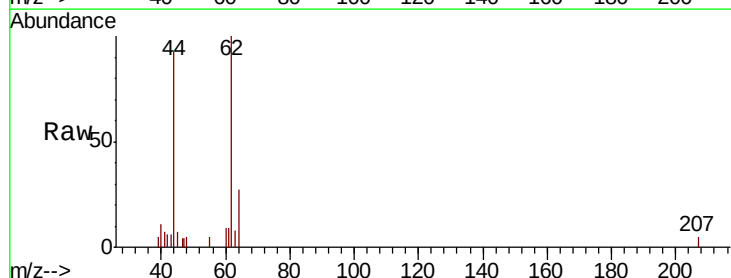
Acq: 4 Nov 2020 9:38

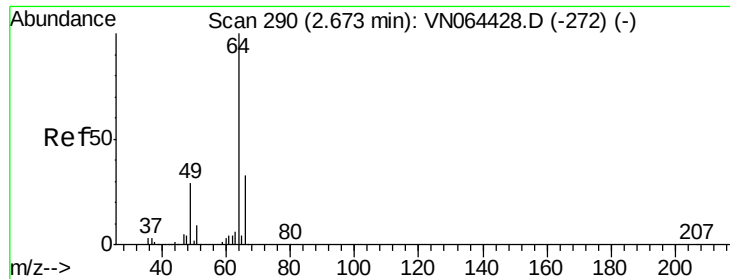
Tgt Ion: 62 Resp: 5746

Ion Ratio Lower Upper

62 100

64 26.9 26.3 39.5





#6

Chloroethane

Concen: 1.518 ug/l

RT: 2.68 min Scan# 293

Delta R.T. 0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 3992

Ion Ratio Lower Upper

64 100

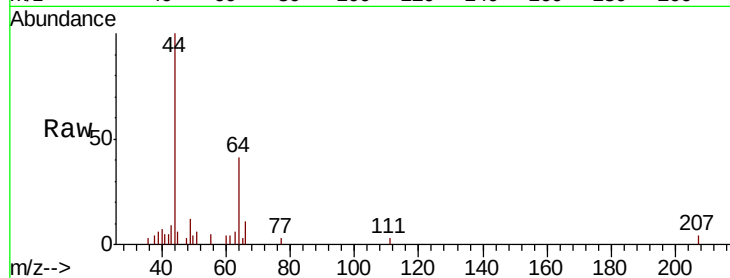
66 26.0 26.1 39.1#

Manual Integrations

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Abundance Ion 63.90 (63.60 to 64.60): VN064428.D (-272) (-)

Ion 65.90 (65.60 to 66.60): VN064428.D (-272) (-)

2500

2000

1500

1000

500

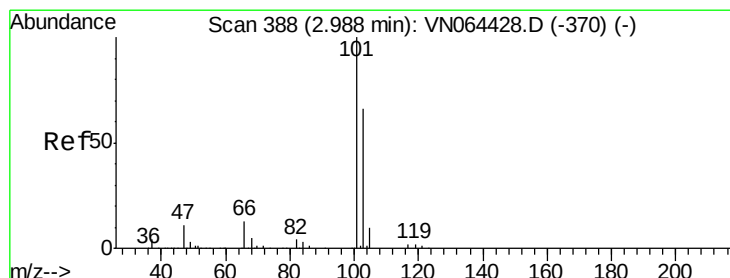
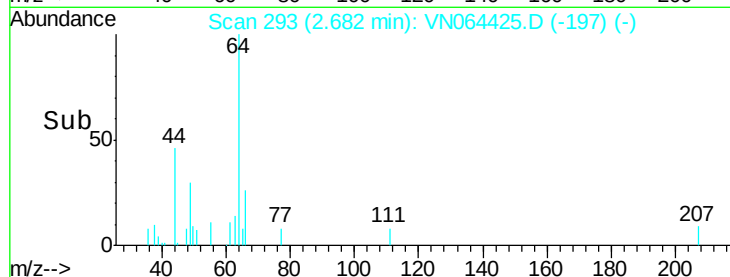
0

2.65

2.70

2.75

Time-->



#7

Trichlorofluoromethane

Concen: 1.244 ug/l

RT: 2.99 min Scan# 389

Delta R.T. 0.00 min

Lab File: VN064425.D

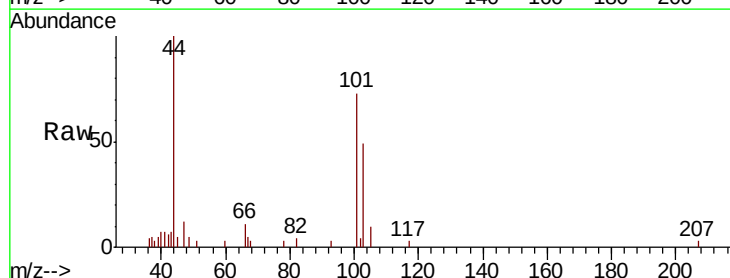
Acq: 4 Nov 2020 9:38

Tgt Ion: 101 Resp: 8782

Ion Ratio Lower Upper

101 100

103 67.2 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): VN064428.D (-370) (-)

Ion 102.80 (102.50 to 103.50): VN064428.D (-370) (-)

5000

4000

3000

2000

1000

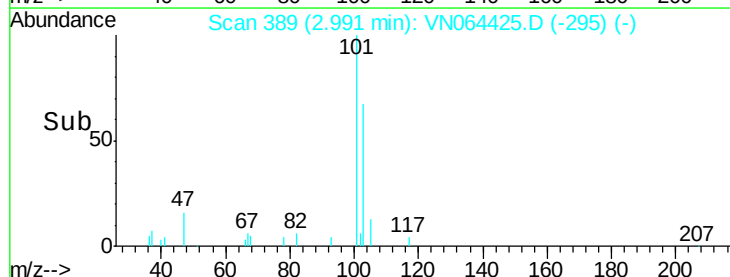
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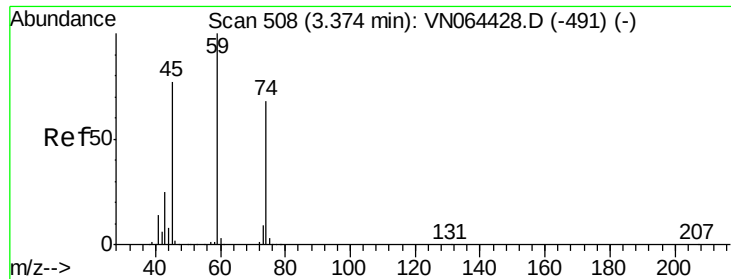
2.95

3.00

3.05

Time-->





#8

Diethyl Ether

Concen: 1.355 ug/l m

RT: 3.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 3080

Ion Ratio Lower Upper

74 100

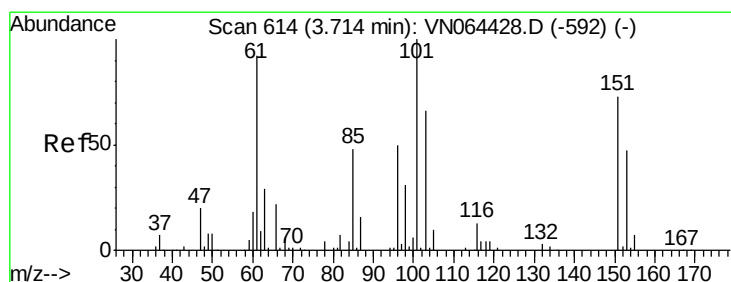
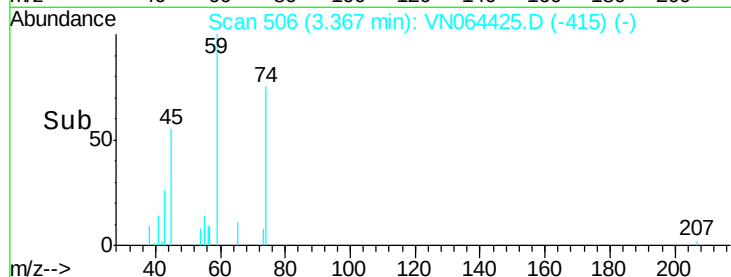
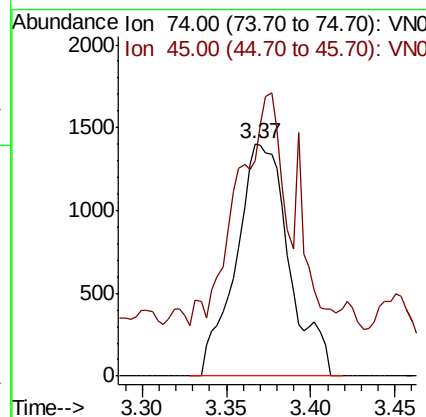
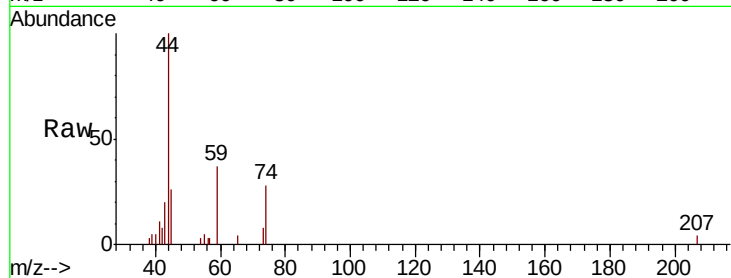
45 85.2 55.9 167.6

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.179 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

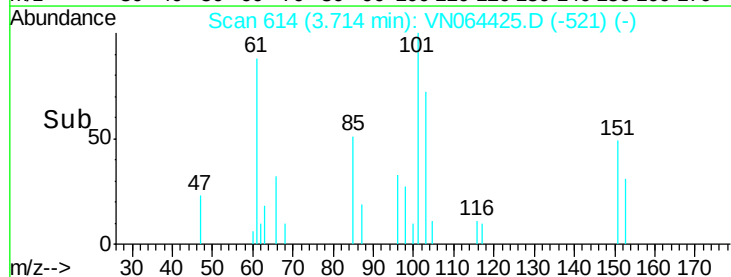
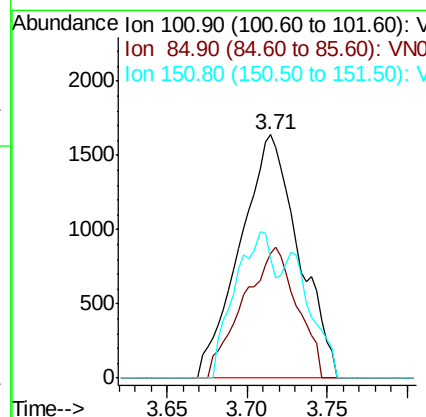
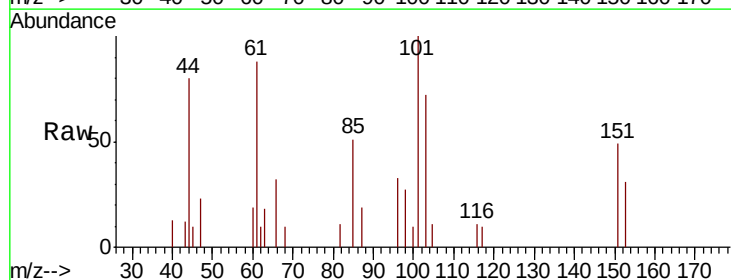
Tgt Ion: 101 Resp: 4129

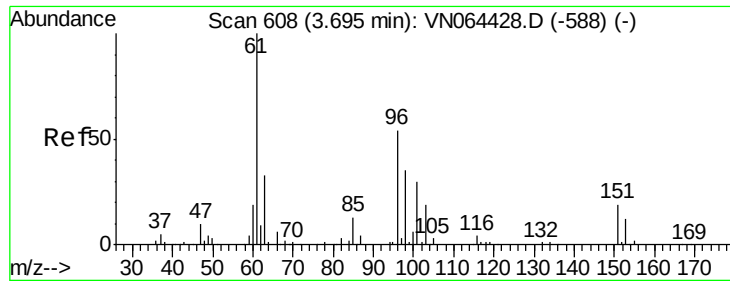
Ion Ratio Lower Upper

101 100

85 49.3 38.6 57.8

151 39.0 57.5 86.3#





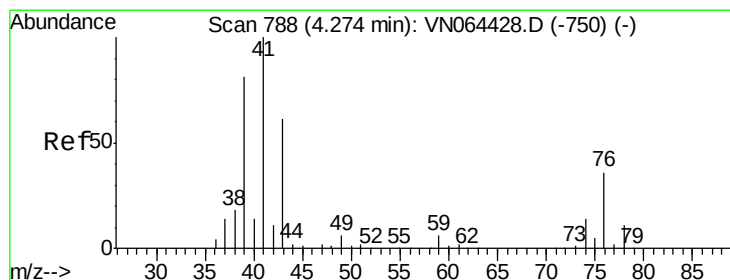
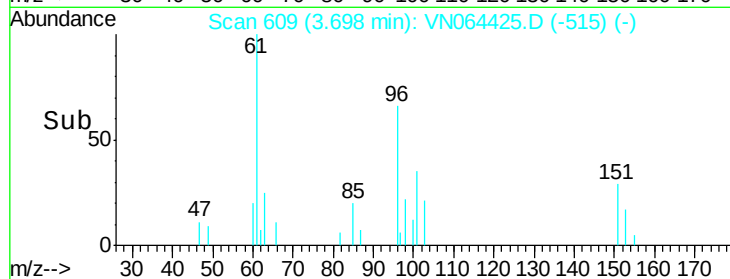
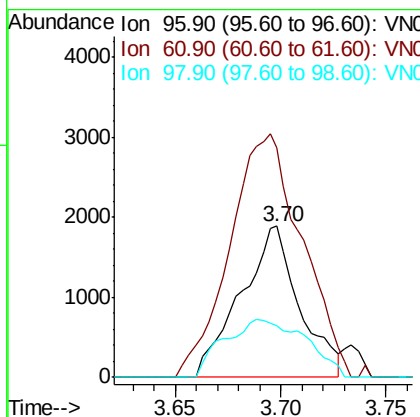
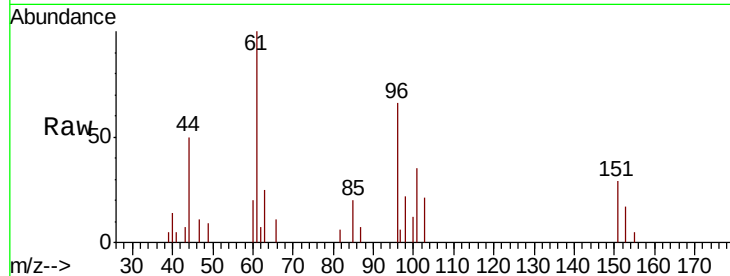
#12
 1,1-Dichloroethene
 Concen: 1.109 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064425.D
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Instrument :
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 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.8	149.5	224.3#
98	33.7	52.4	78.6#

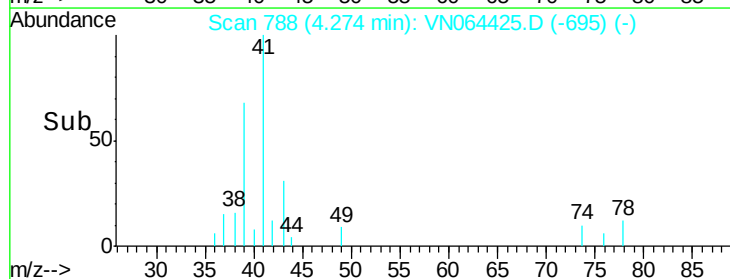
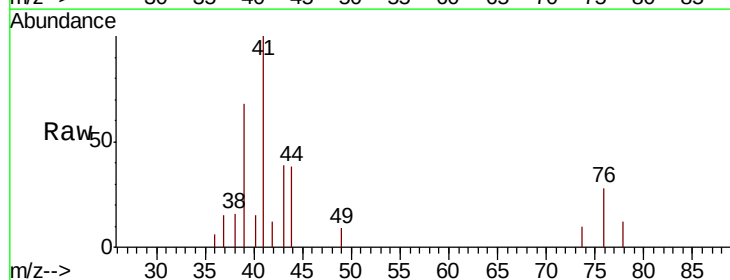
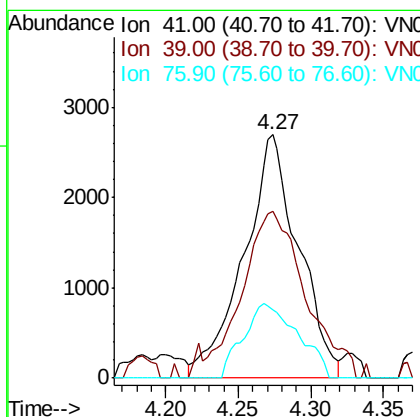
Manual Integrations
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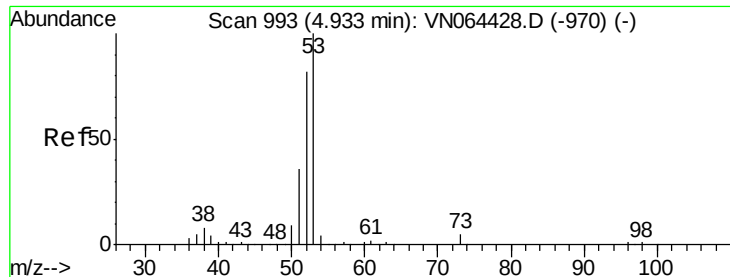
MMDadoda
 11/5/2020 10:59:30 AM



#14
 Allyl chloride
 Concen: 1.049 ug/l
 RT: 4.27 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
41	100		
39	78.7	61.8	92.8
76	30.3	25.4	38.0





#15

Acrylonitrile

Concen: 3.881 ug/l

RT: 4.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

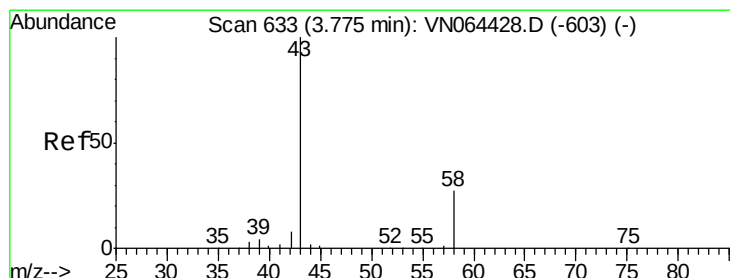
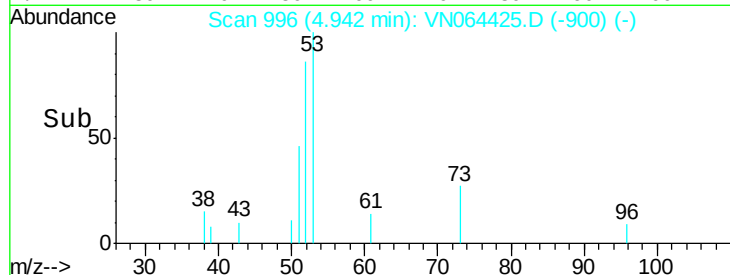
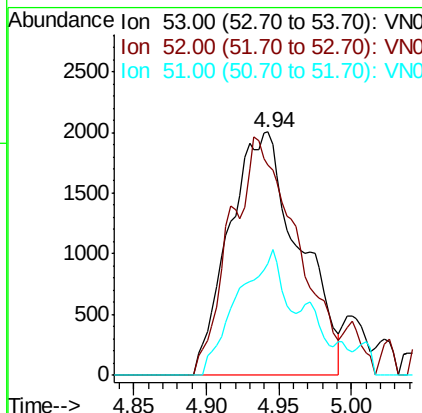
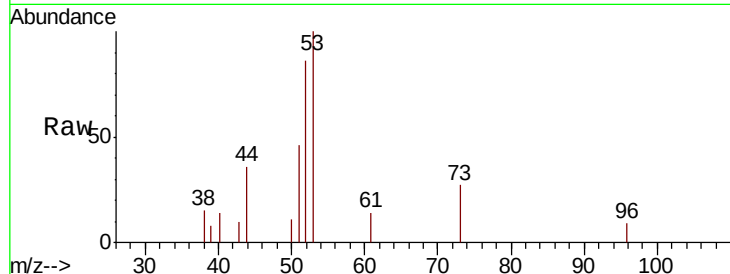
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	6714
Ion	Ratio	Lower	Upper
53	100		
52	93.1	65.6	98.4
51	35.7	29.9	44.9

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#16

Acetone

Concen: 6.017 ug/l

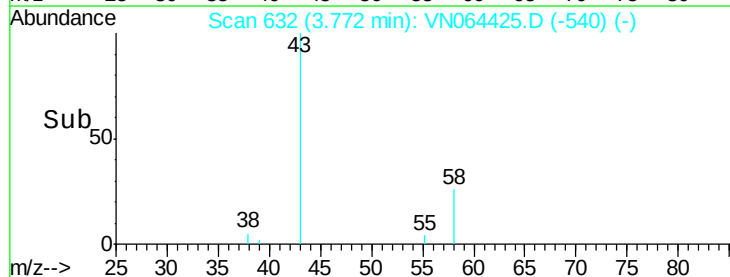
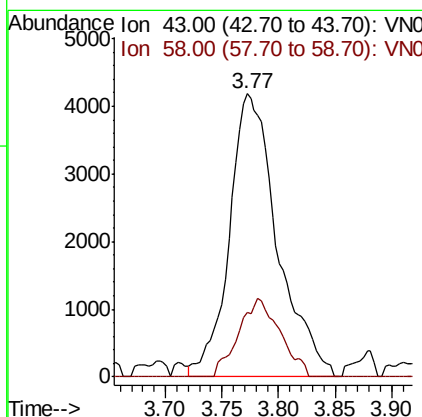
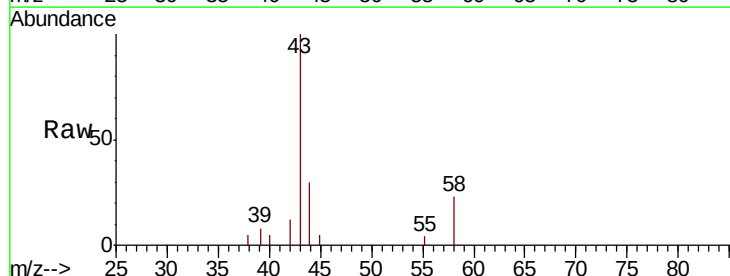
RT: 3.77 min Scan# 632

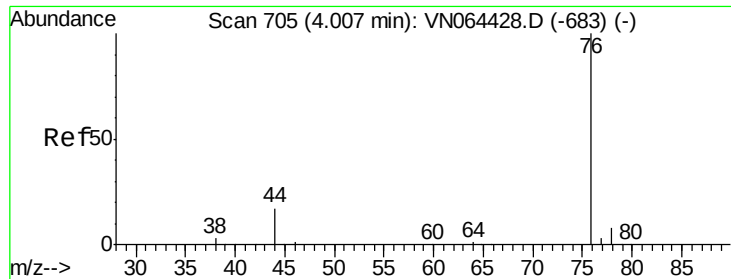
Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Tgt Ion:	43	Resp:	12353
Ion	Ratio	Lower	Upper
43	100		
58	22.7	21.4	32.0





#17

Carbon Disulfide

Concen: 1.158 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 11424

Ion Ratio Lower Upper

76 100

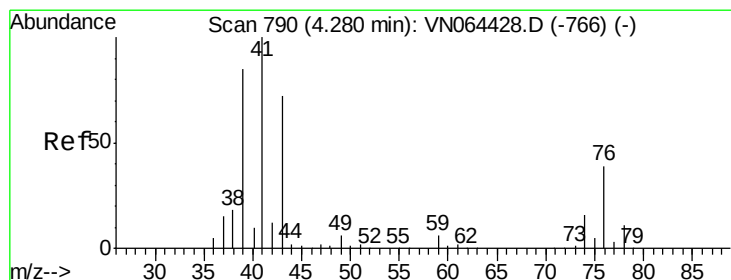
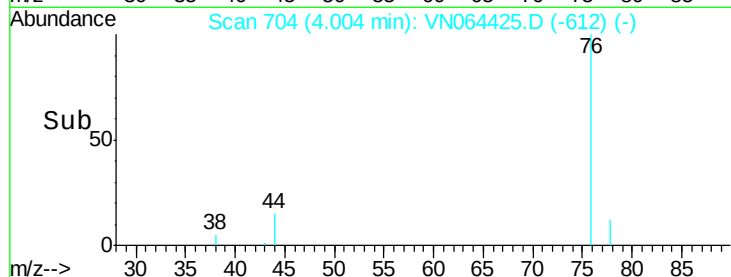
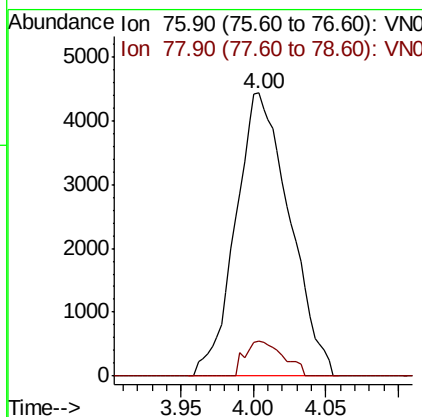
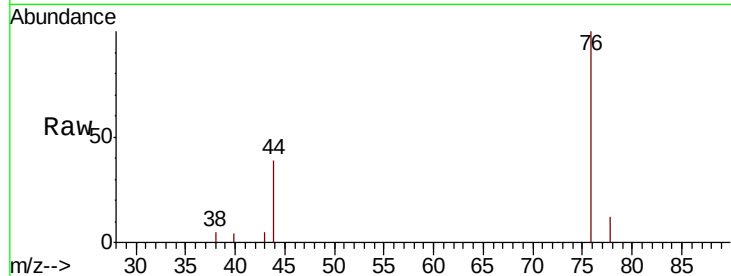
78 12.4 6.8 10.2#

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#18

Methyl Acetate

Concen: 1.210 ug/l m

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064425.D

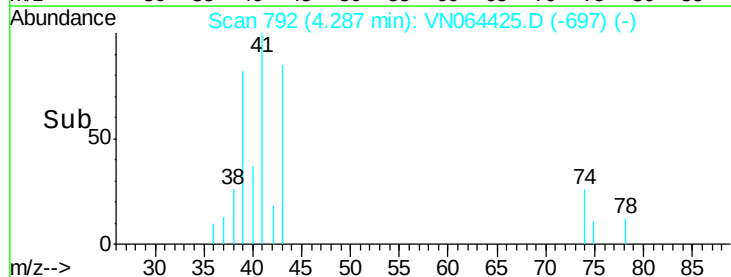
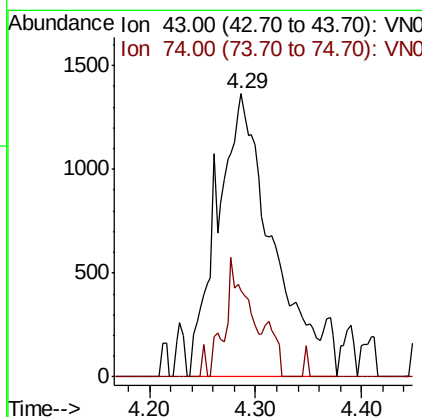
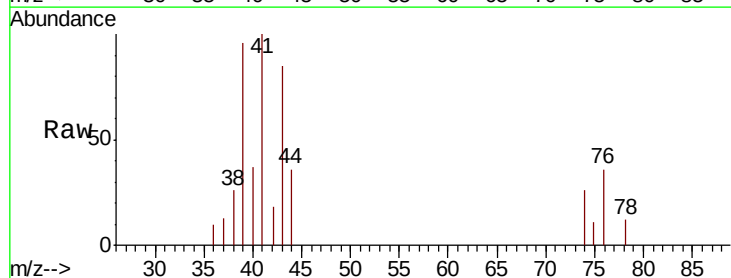
Acq: 4 Nov 2020 9:38

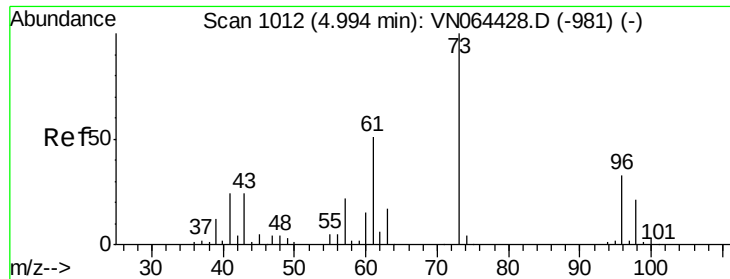
Tgt Ion: 43 Resp: 4993

Ion Ratio Lower Upper

43 100

74 14.9 17.0 25.4#





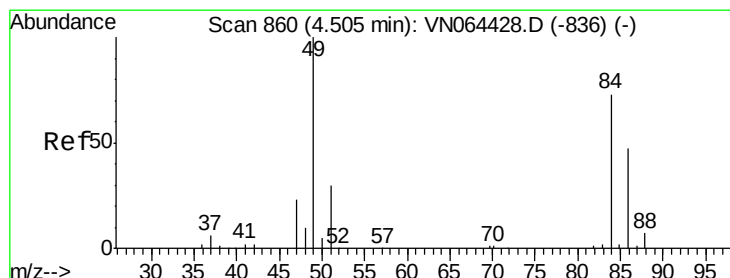
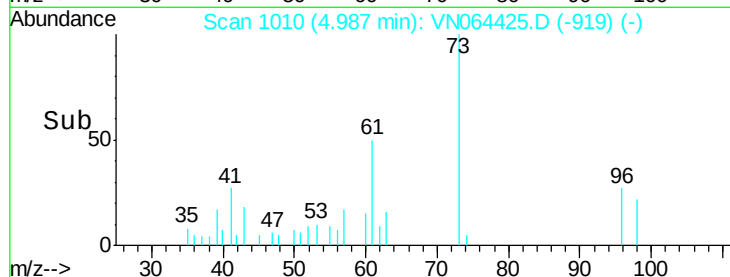
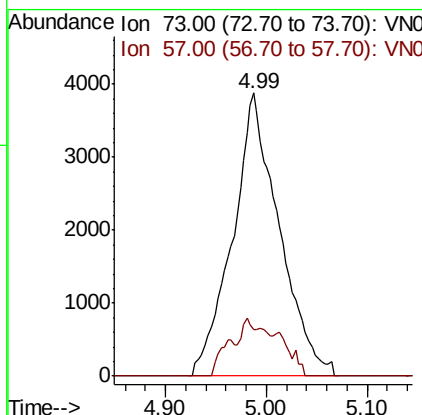
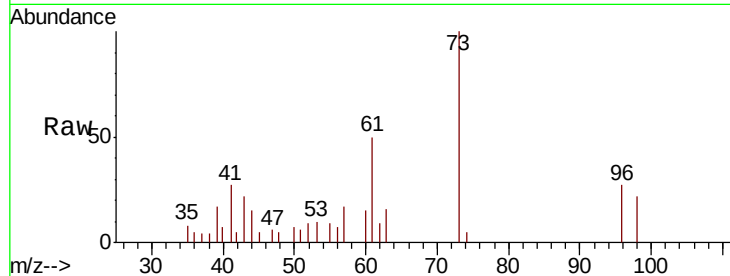
#19
Methyl tert-butyl Ether
Concen: 0.986 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 12418
Ion Ratio Lower Upper
73 100
57 16.5 17.7 26.5#

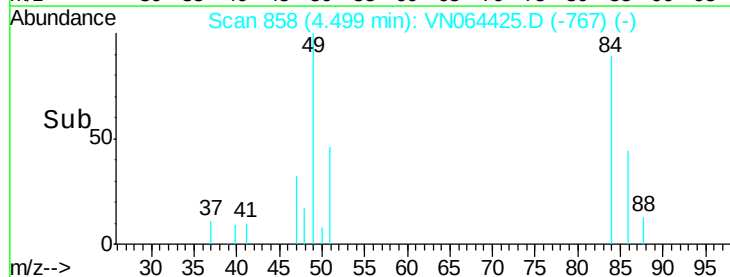
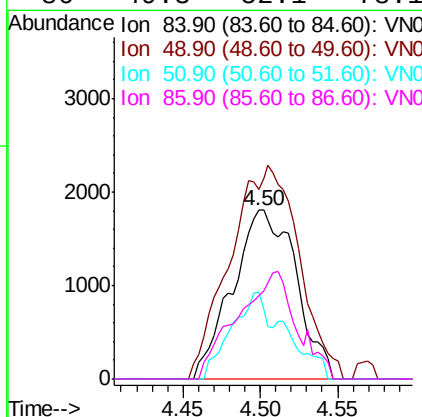
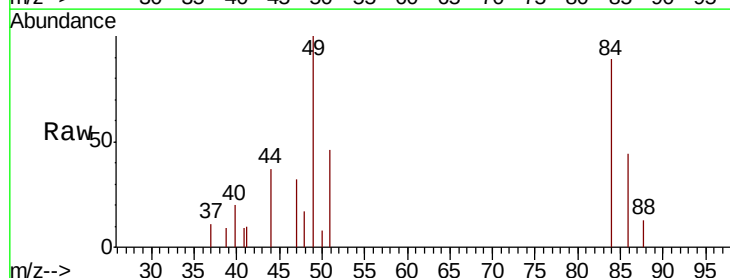
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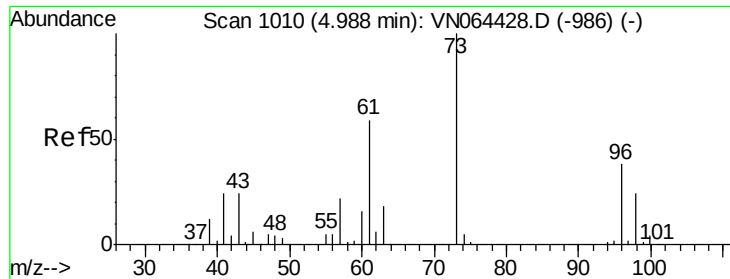
MMDadoda
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#20
Methylene Chloride
Concen: 1.307 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 84 Resp: 5157
Ion Ratio Lower Upper
84 100
49 112.3 110.1 165.1
51 51.2 33.6 50.4#
86 49.3 52.1 78.1#





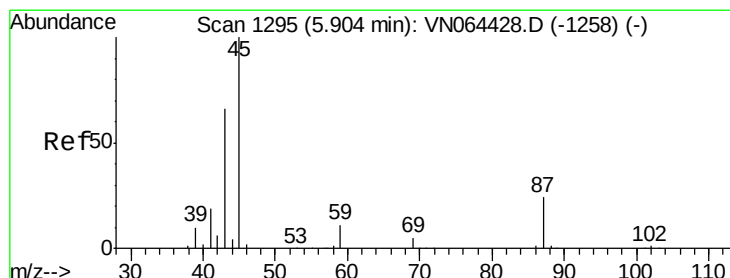
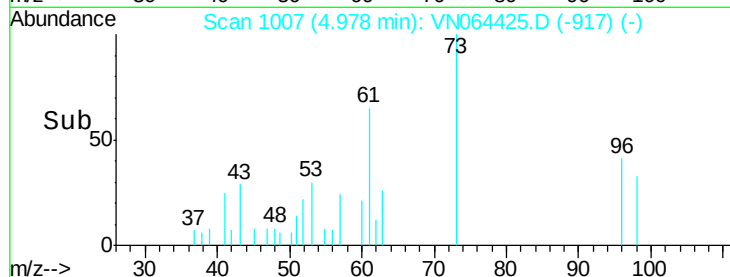
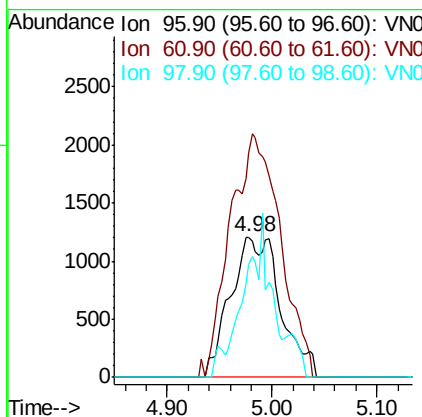
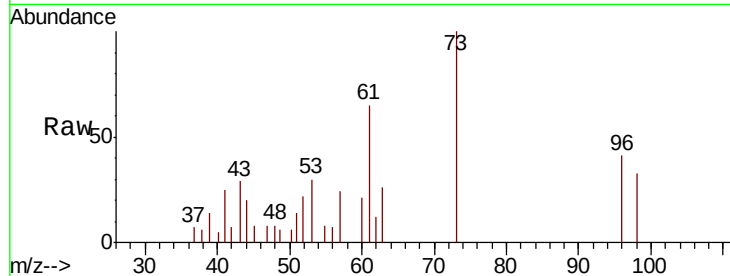
#21
trans-1,2-Dichloroethene
Concen: 1.076 ug/l m
RT: 4.98 min Scan# 1007
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.5	122.4	183.6
98	80.1	50.4	75.6

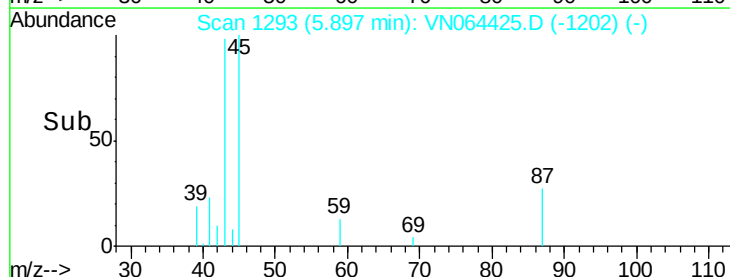
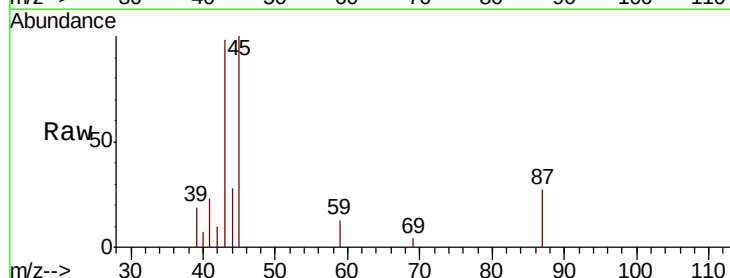
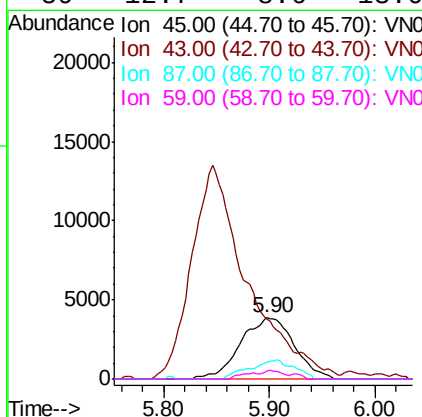
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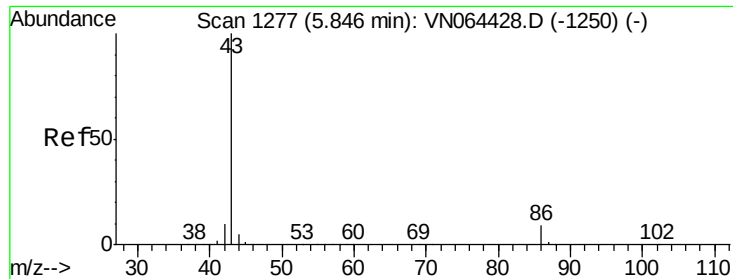
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#22
Diisopropyl ether
Concen: 1.020 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
45	100		
43	90.3	53.2	79.8
87	27.4	19.9	29.9
59	12.7	8.6	13.0





#23

Vinyl Acetate

Concen: 4.444 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampled :

VSTDICC001

Tot Ion: 43 Resp: 49870

Ion Ratio Lower Upper

43 100

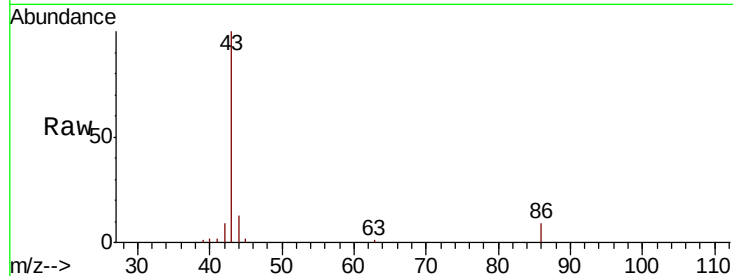
86 8.9 6.8 10.2

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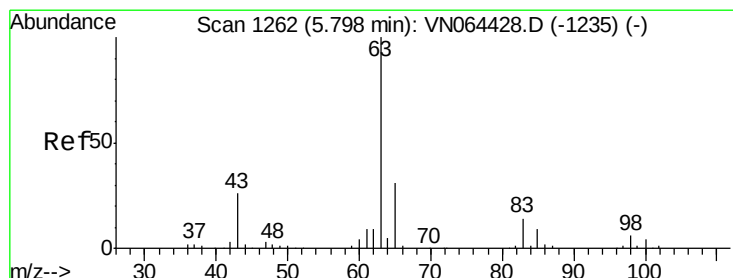
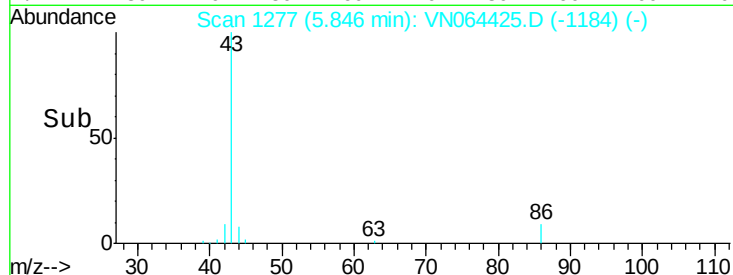
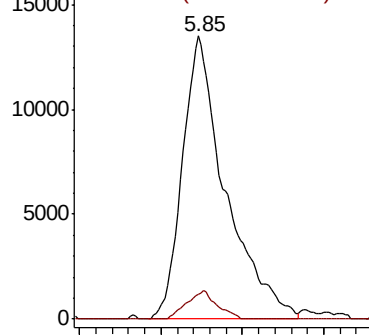
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 1.091 ug/l m

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

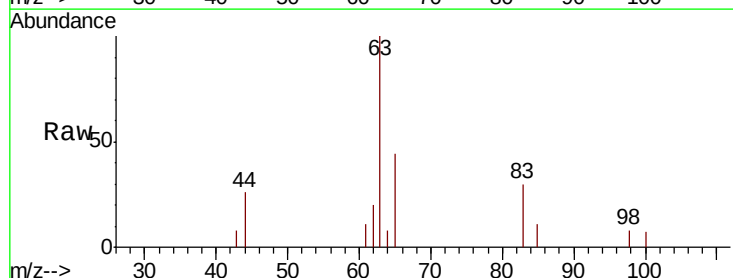
Tgt Ion: 63 Resp: 8113

Ion Ratio Lower Upper

63 100

98 7.5 3.0 9.2

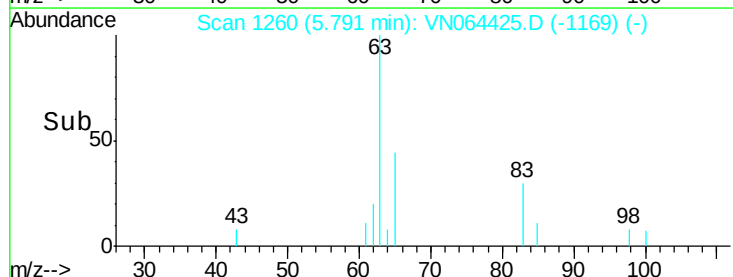
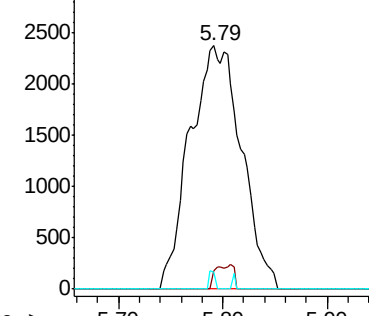
100 7.1 1.8 5.3#

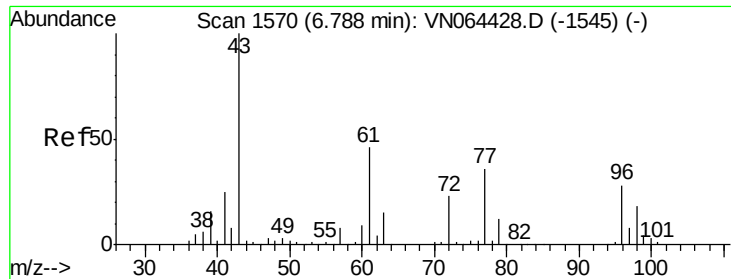


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





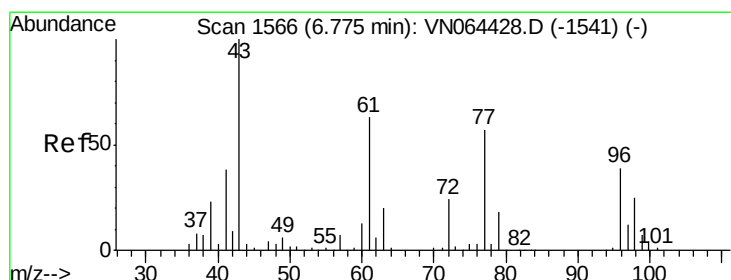
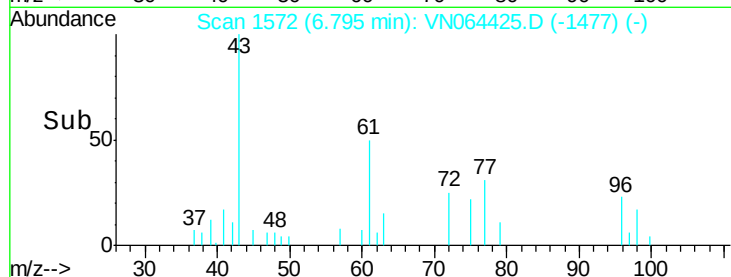
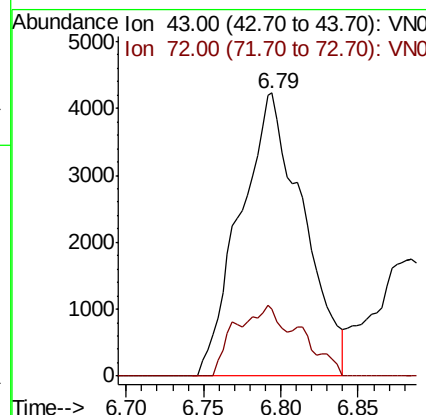
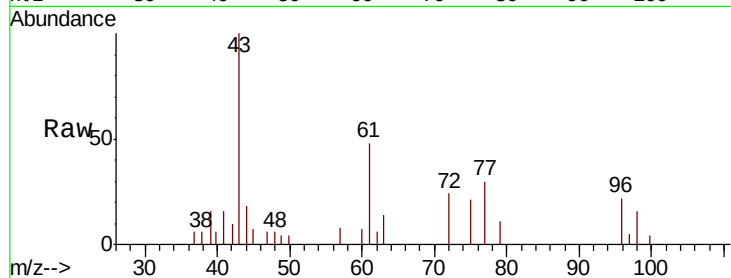
#25
2-Butanone
Concen: 4.321 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 12030
Ion Ratio Lower Upper
43 100
72 23.5 18.5 27.7

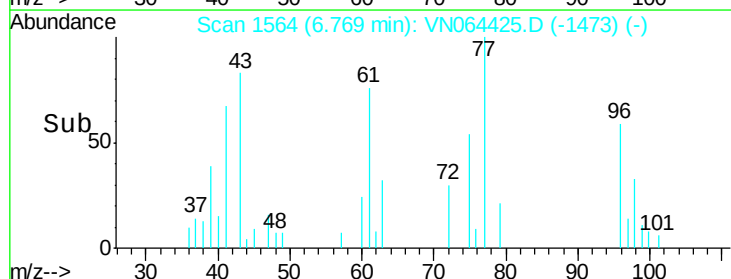
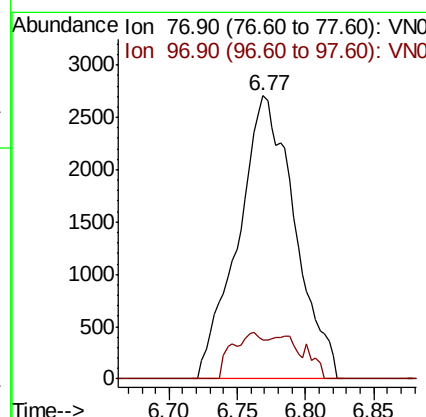
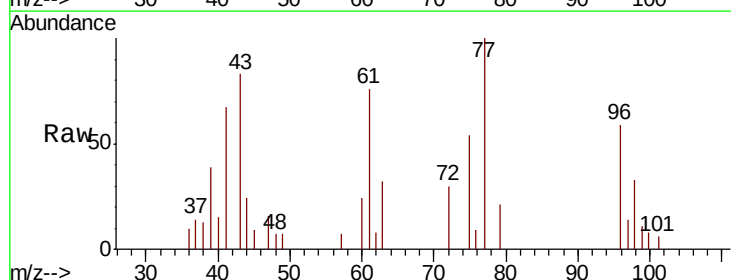
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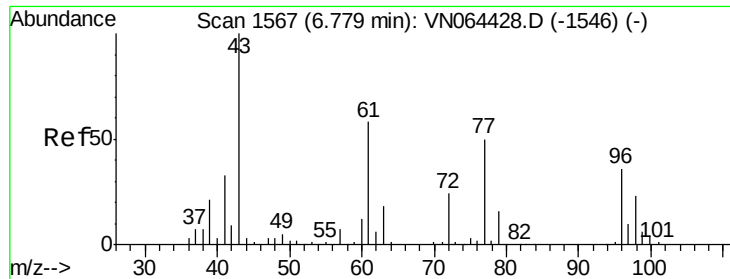
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#26
2,2-Dichloropropane
Concen: 1.084 ug/l
RT: 6.77 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 77 Resp: 7780
Ion Ratio Lower Upper
77 100
97 8.8 10.2 30.6#





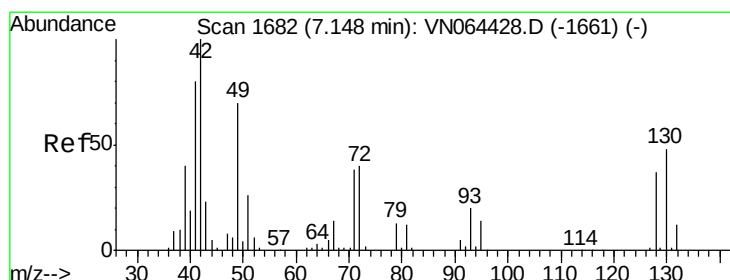
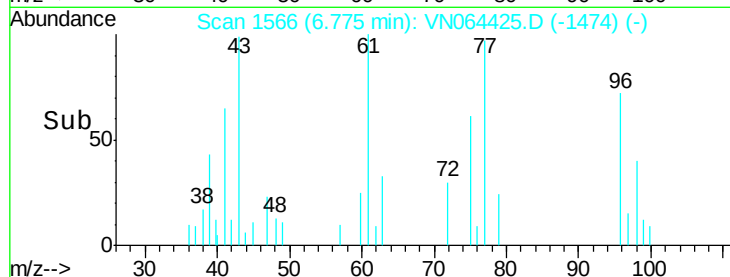
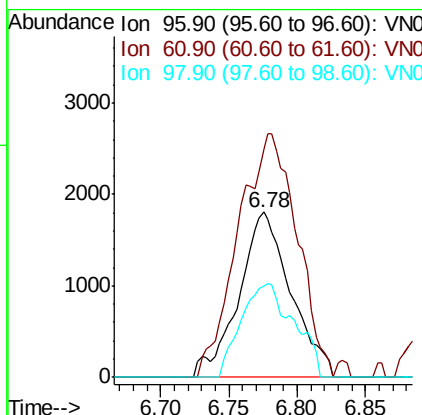
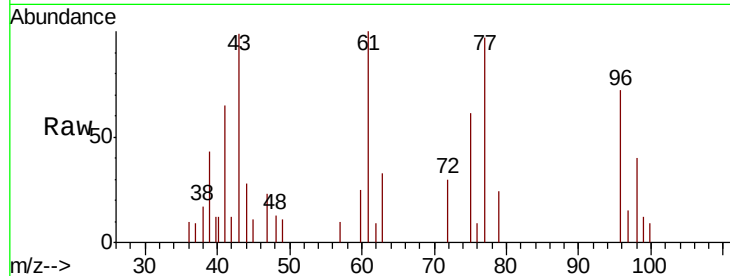
#27
 cis-1,2-Dichloroethene
 Concen: 1.128 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	166.7	0.0	329.6
98	57.2	0.0	131.2

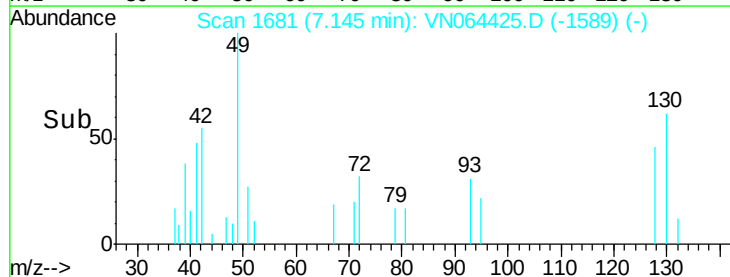
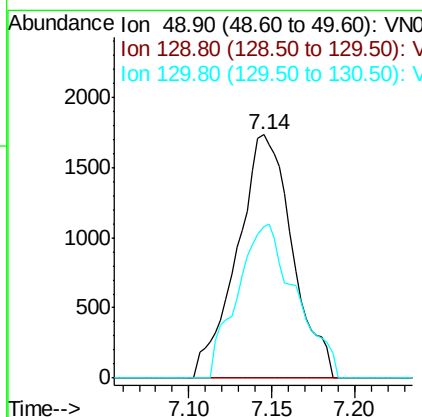
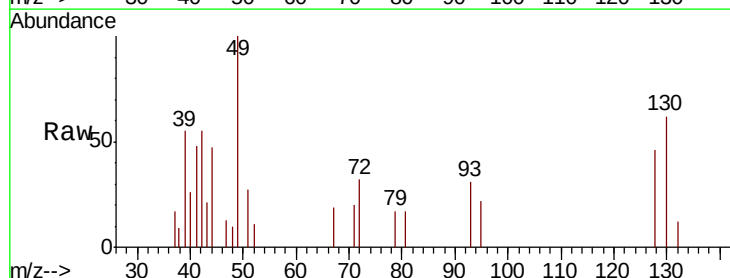
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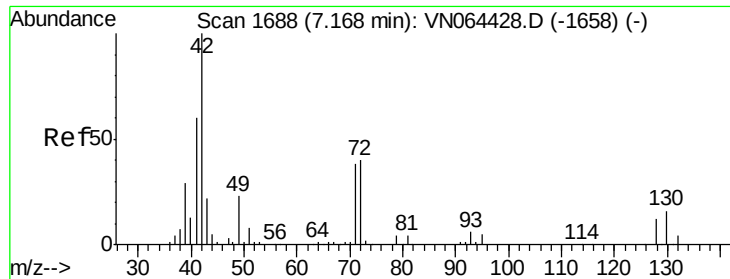
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#28
 Bromochloromethane
 Concen: 1.161 ug/l
 RT: 7.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	67.1	54.2	81.4





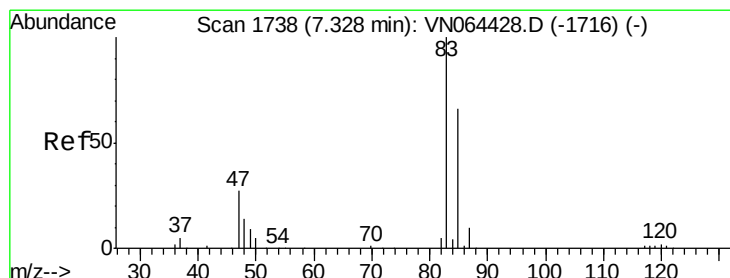
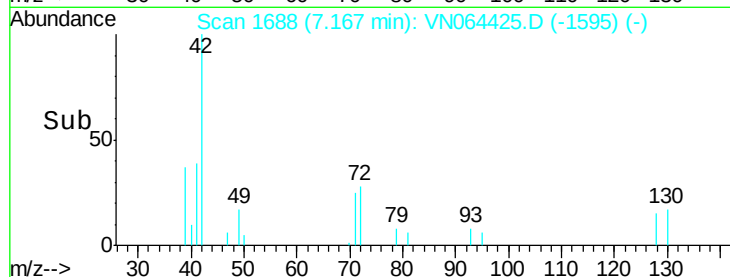
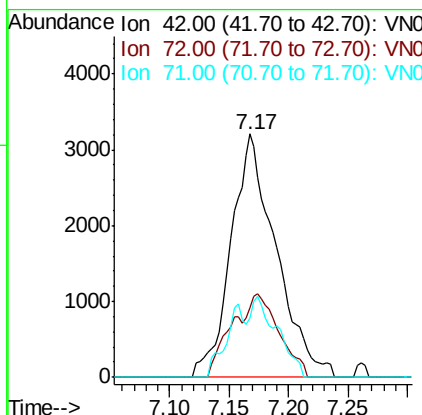
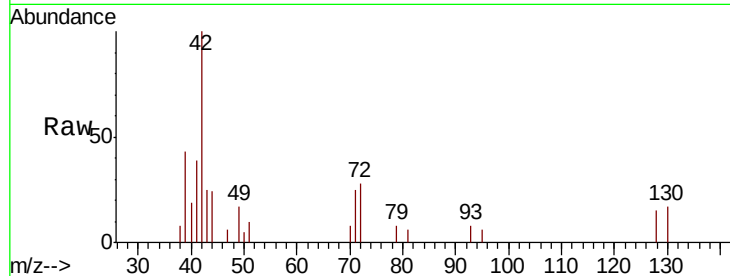
#29
Tetrahydrofuran
Concen: 4.714 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	24.1	31.7	47.5#
71	20.0	29.8	44.6#

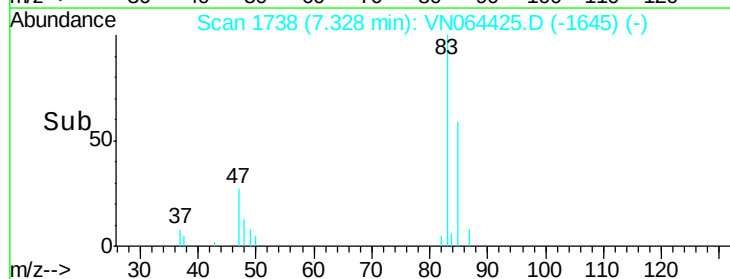
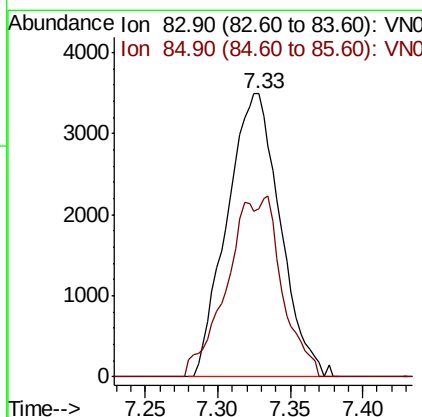
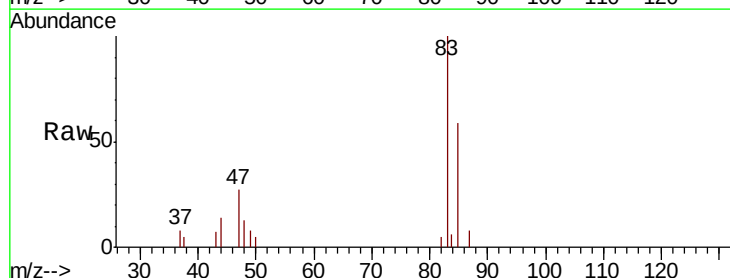
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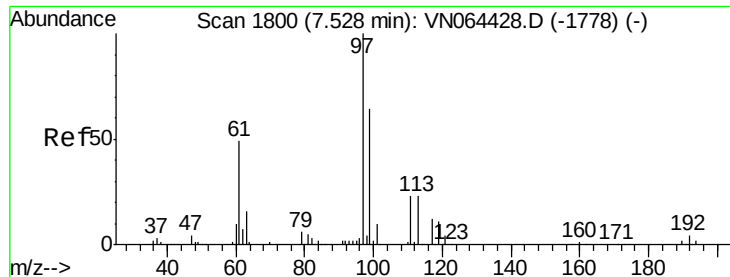
MMDadoda
11/5/2020 10:59:30 AM



#30
Chloroform
Concen: 1.119 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.4	52.5	78.7





#32

1,1,1-Trichloroethane

Concen: 1.077 ug/l m

RT: 7.52 min Scan# 1797

Delta R.T. -0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 8078

Ion Ratio Lower Upper

97 100

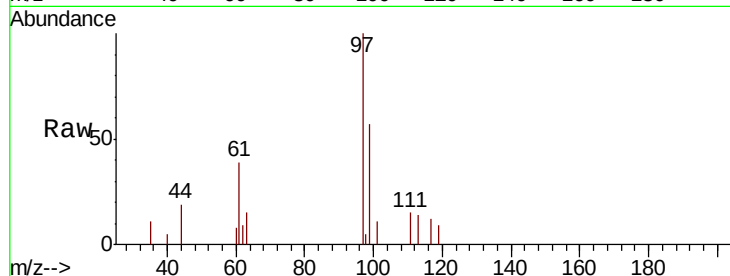
99 0.0 51.3 76.9#

61 51.6 39.1 58.7

Manual Integrations
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MMDadoda

11/5/2020 10:59:30 AM

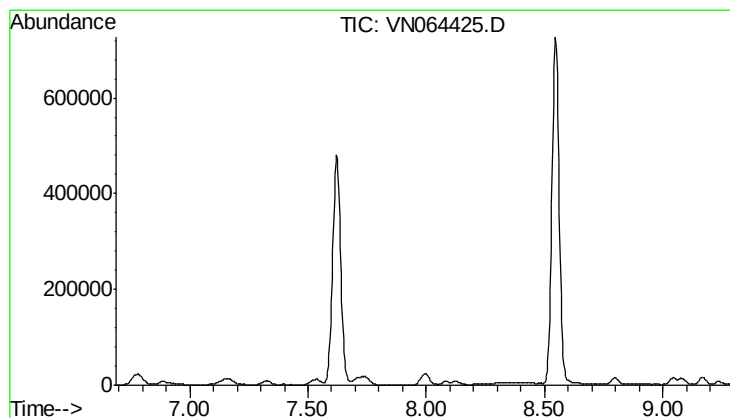
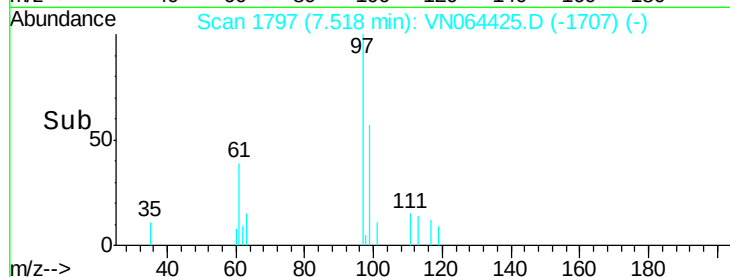
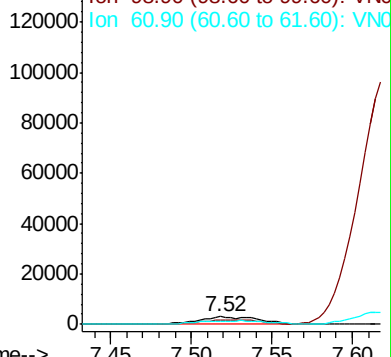


Abundance

Ion 96.90 (96.60 to 97.60): VN064425.D

Ion 98.90 (98.60 to 99.60): VN064425.D

Ion 60.90 (60.60 to 61.60): VN064425.D



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN064425.D

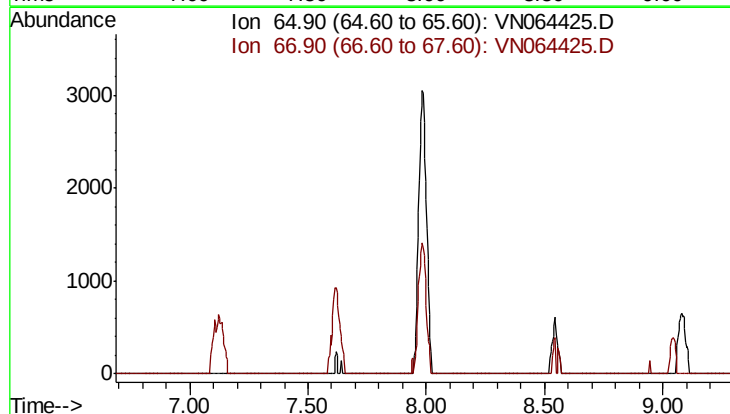
Acq: 4 Nov 2020 9:38

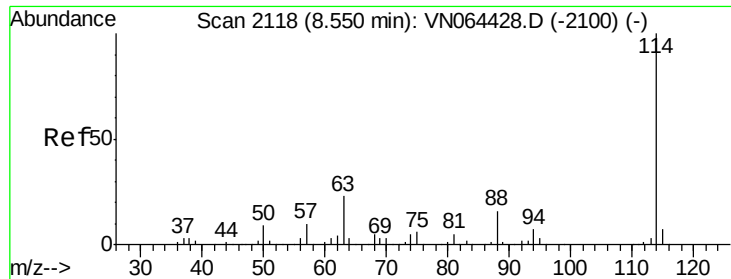
Tgt Ion: 65

Sig Exp Ratio

65 100

67 50.8





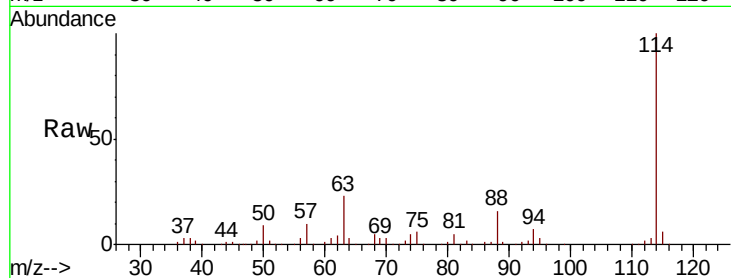
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

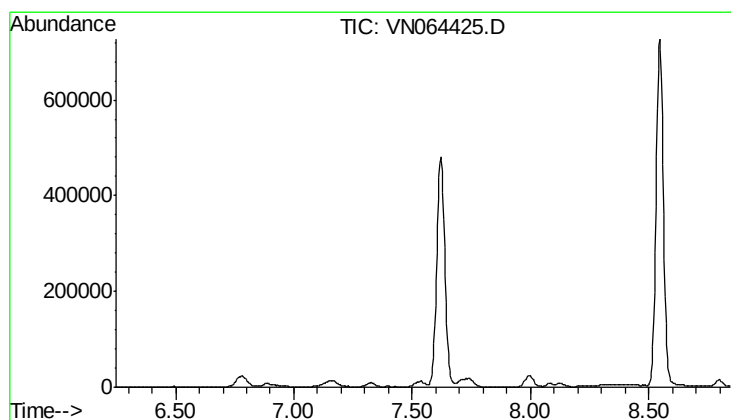
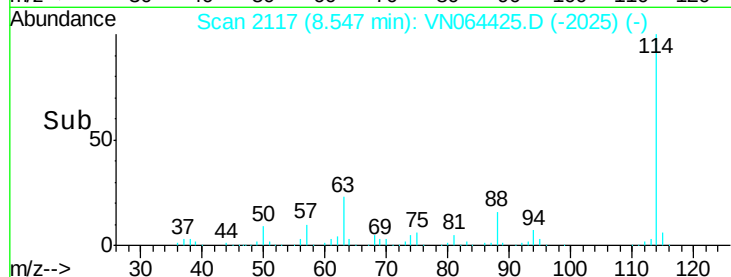
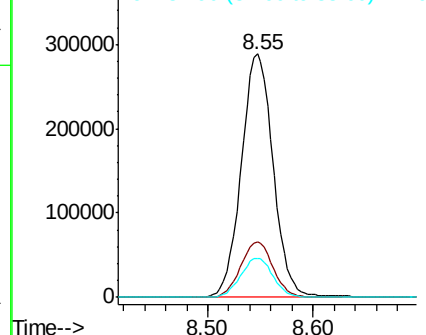
Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.8	0.0	45.6
88	16.2	0.0	32.8

Manual Integrations
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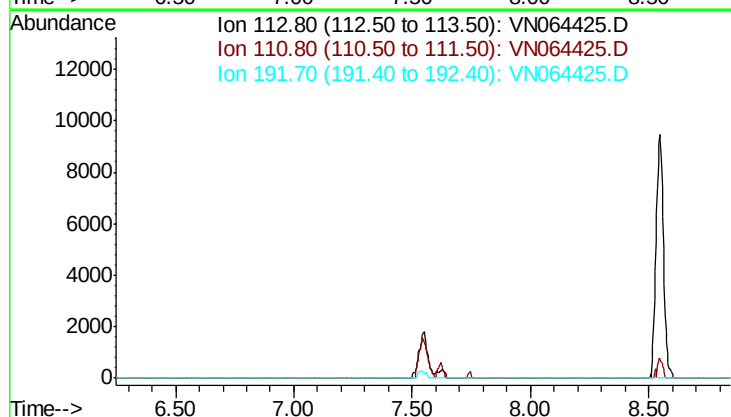


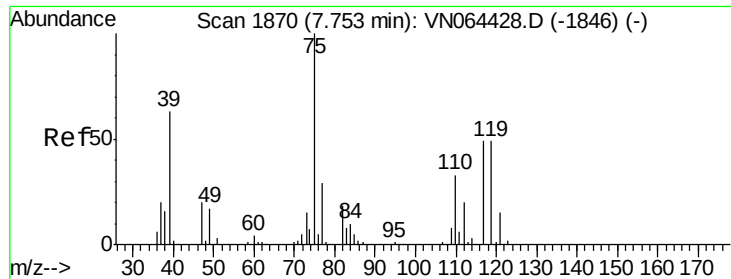
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion	Exp Ratio
113	100
111	101.4
192	16.0





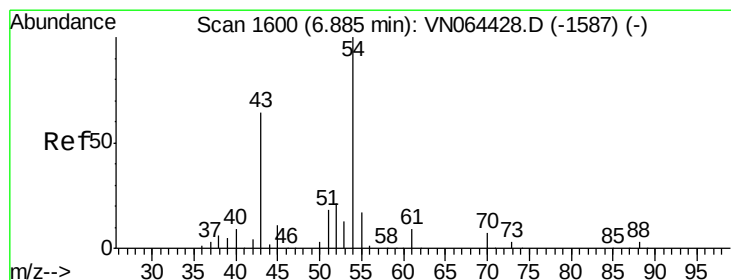
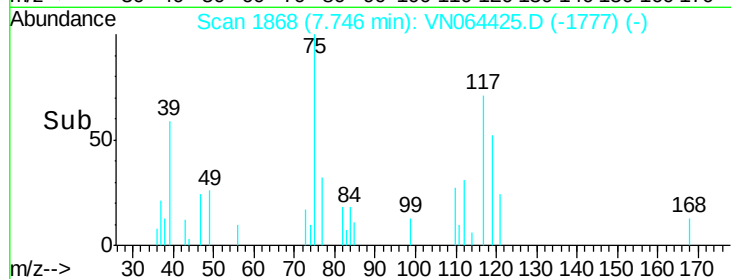
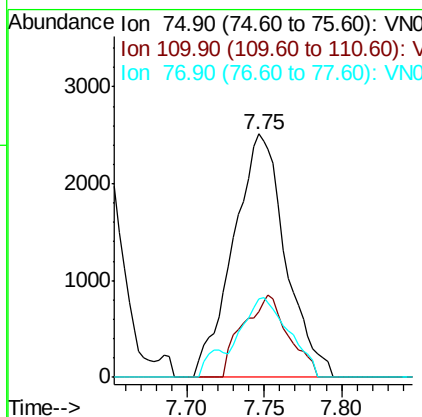
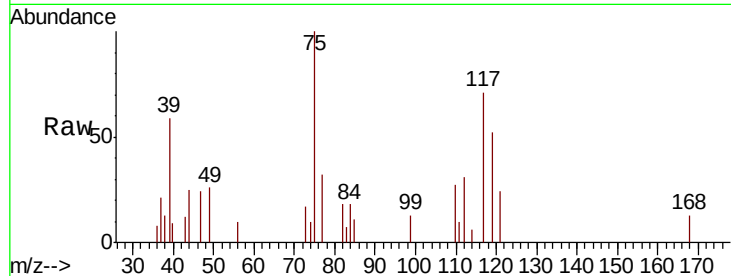
#36
 1,1-Dichloropropene
 Concen: 0.949 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	29.5	16.0	48.0
77	29.1	24.0	36.0

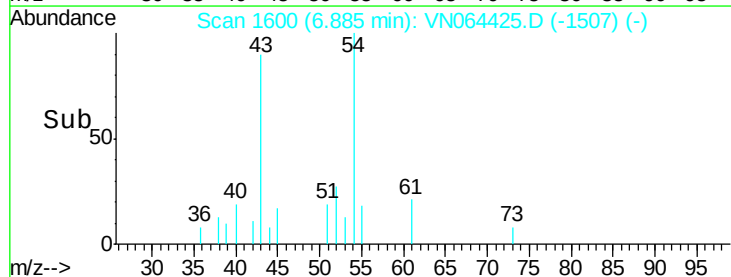
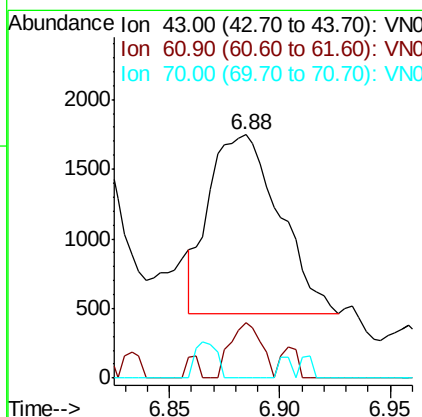
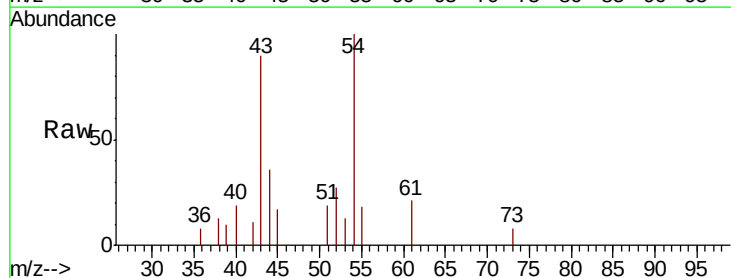
Manual Integrations
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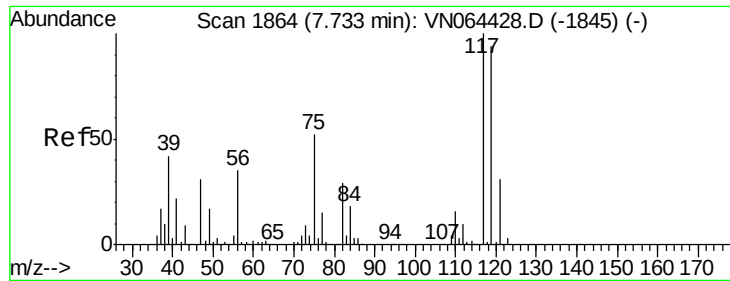
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#37
 Ethyl Acetate
 Concen: 0.456 ug/l
 RT: 6.88 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.0	15.0
70	2.1	7.1	10.7#





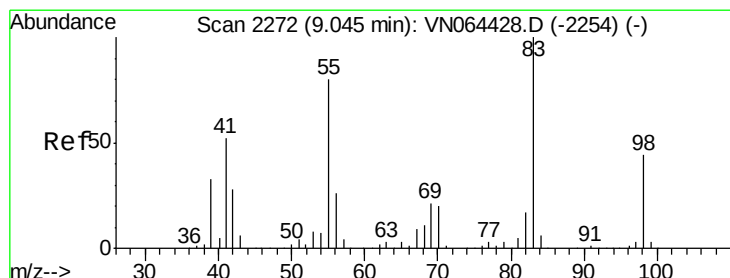
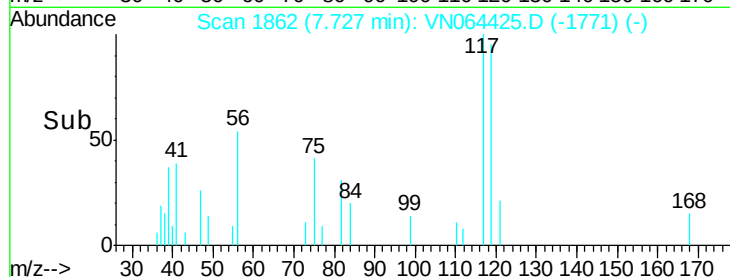
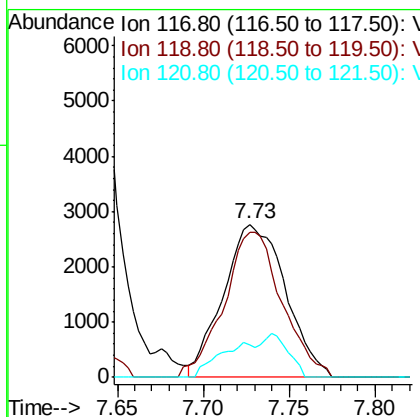
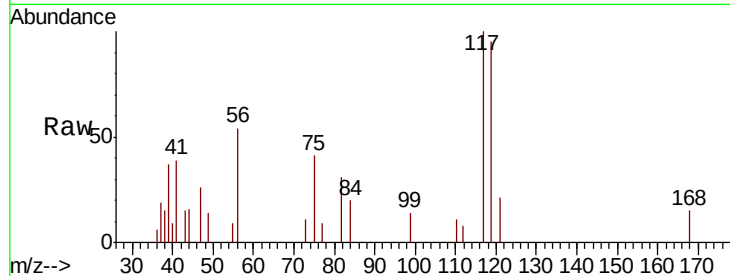
#38
Carbon Tetrachloride
Concen: 0.985 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.5	113.3
121	21.2	24.4	36.6

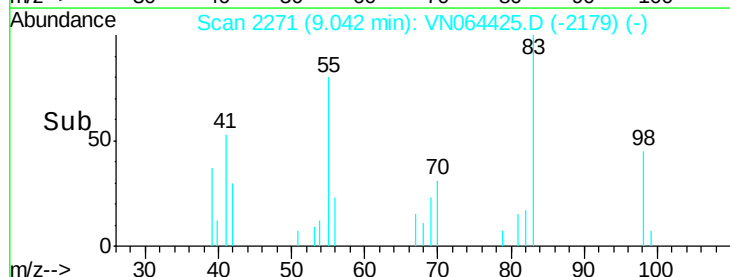
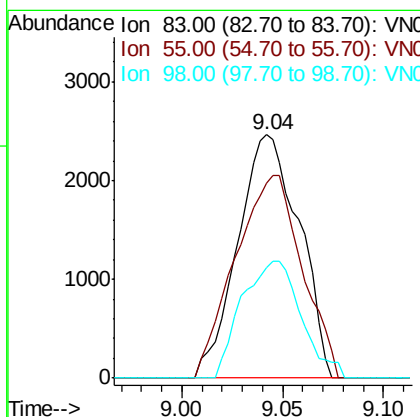
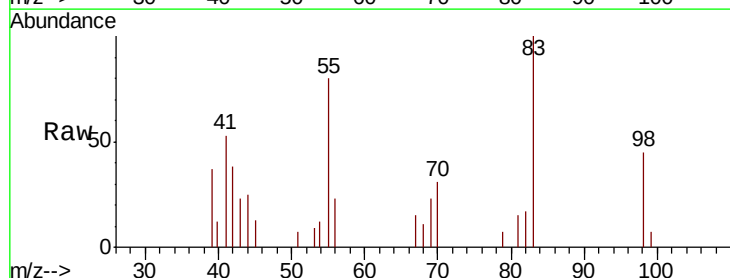
Manual Integrations
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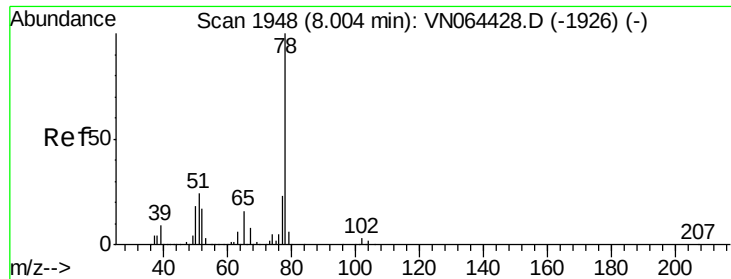
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#39
Methylcyclohexane
Concen: 0.859 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.0	63.8	95.6
98	45.5	35.4	53.2





#40

Benzene

Concen: 1.061 ug/l

RT: 8.00 min Scan# 1946

Delta R.T. -0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 18516

Ion Ratio Lower Upper

78 100

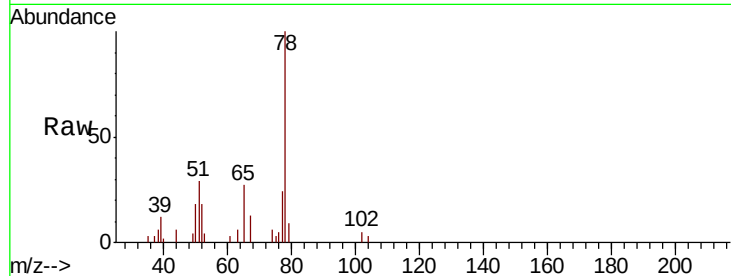
77 23.6 18.7 28.1

Manual Integrations

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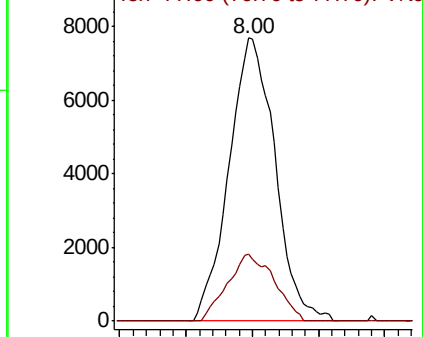
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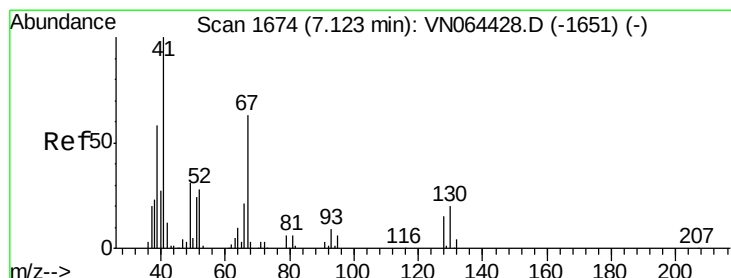
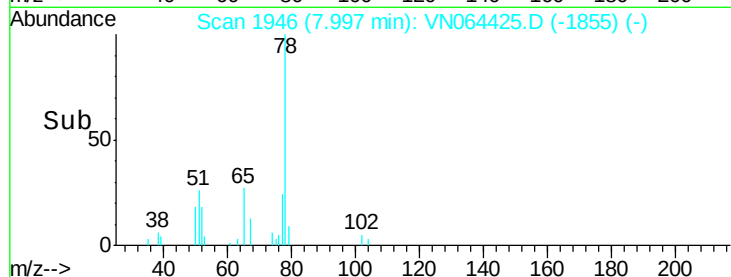


Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time--> 7.90 7.95 8.00 8.05 8.10



#41

Methacrylonitrile

Concen: 0.884 ug/l m

RT: 7.12 min Scan# 1672

Delta R.T. -0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Tgt Ion: 41 Resp: 2676

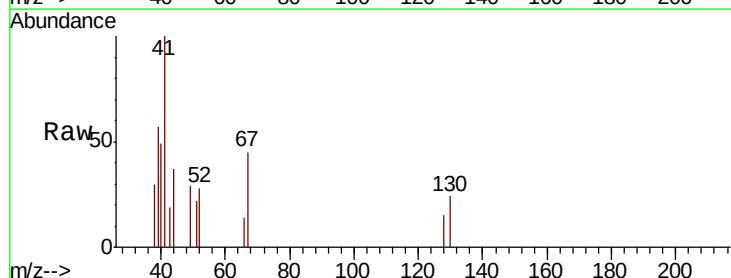
Ion Ratio Lower Upper

41 100

39 48.5 50.0 75.0#

67 43.5 68.3 102.5#

52 11.4 32.7 49.1#

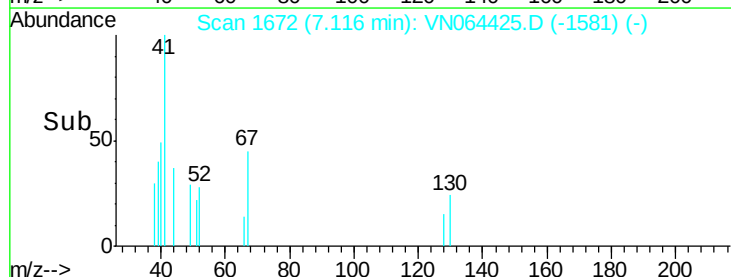
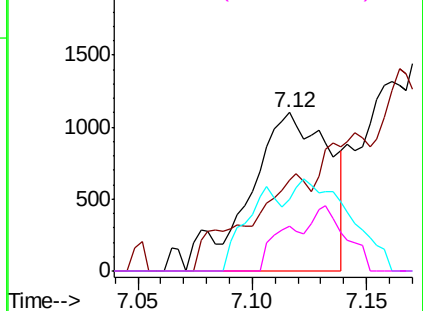


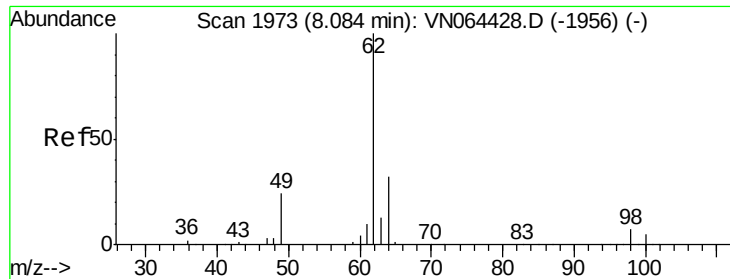
Abundance Ion 41.00 (40.70 to 41.70): VN0

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





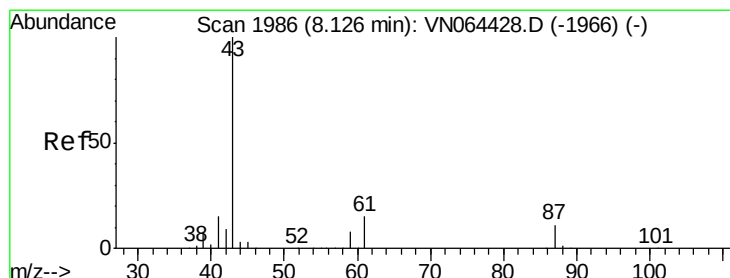
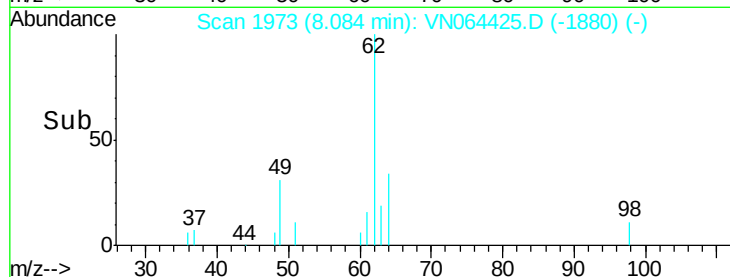
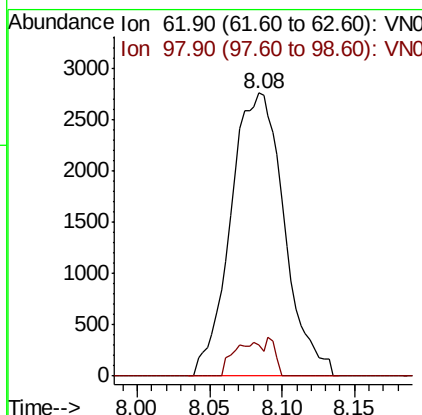
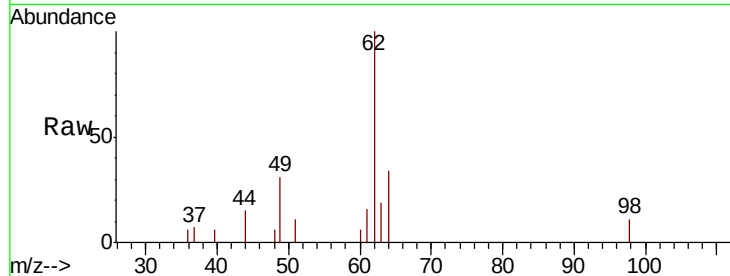
#42
 1,2-Dichloroethane
 Concen: 0.952 ug/l
 RT: 8.08 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	14.0

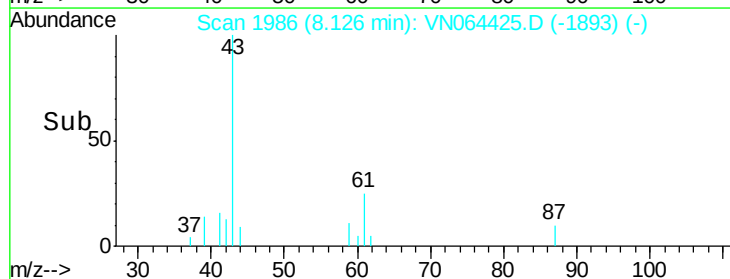
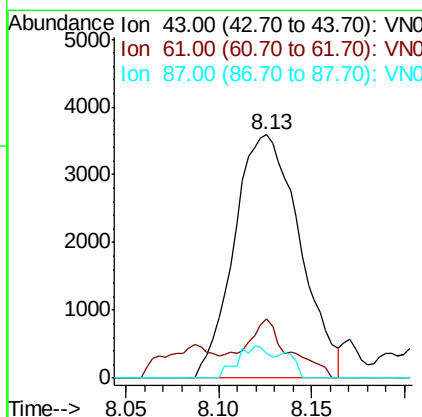
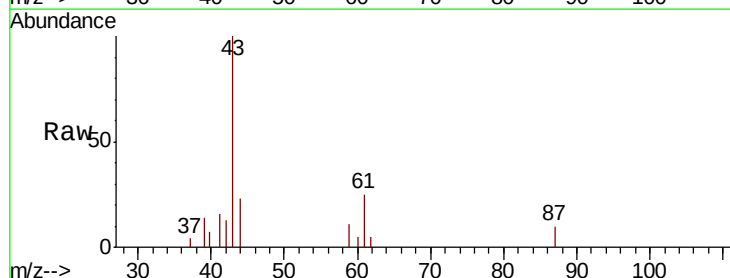
Manual Integrations
 APPROVED

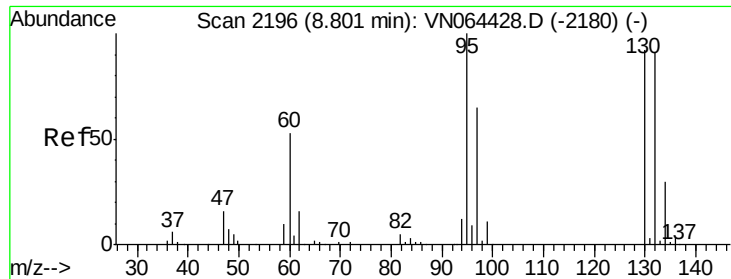
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 11/5/2020 10:59:30 AM



#43
 Isopropyl Acetate
 Concen: 0.829 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	14.0	21.0
87	6.4	9.1	13.7#





#44

Trichloroethene

Concen: 1.072 ug/l

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 4829

Ion Ratio Lower Upper

130 100

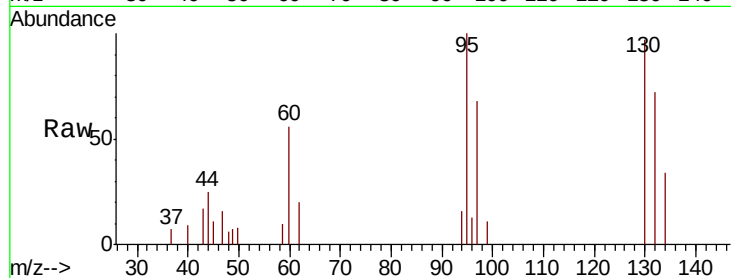
95 103.0 0.0 216.8

Manual Integrations

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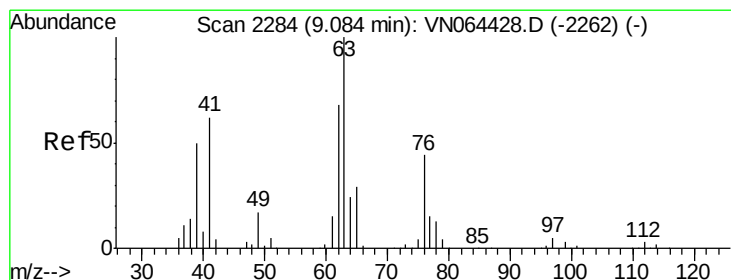
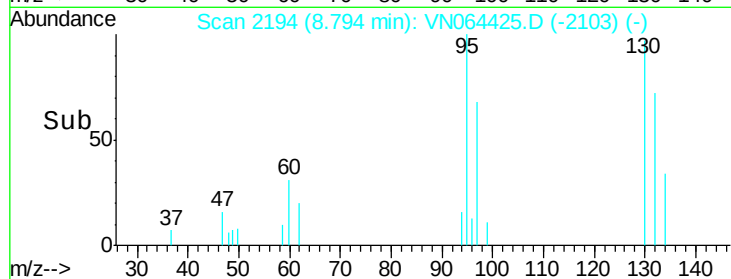
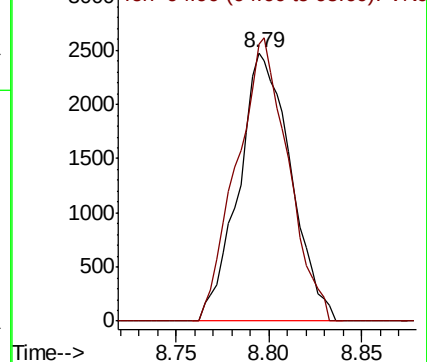
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 1.055 ug/l

RT: 9.08 min Scan# 2282

Delta R.T. -0.01 min

Lab File: VN064425.D

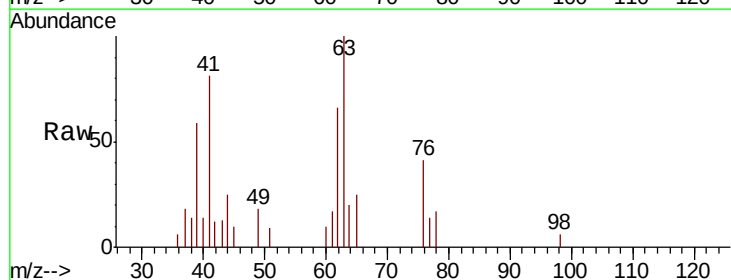
Acq: 4 Nov 2020 9:38

Tgt Ion: 63 Resp: 4940

Ion Ratio Lower Upper

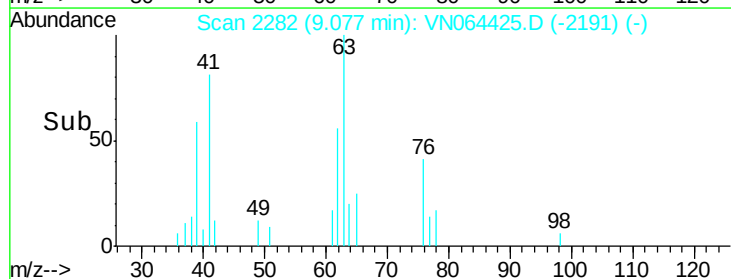
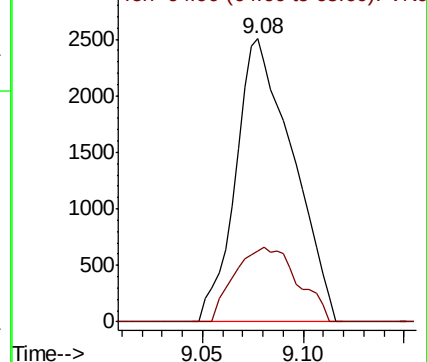
63 100

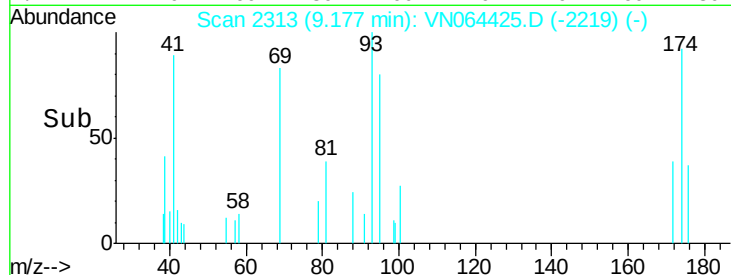
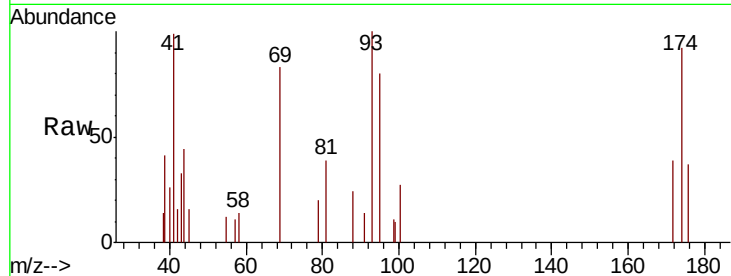
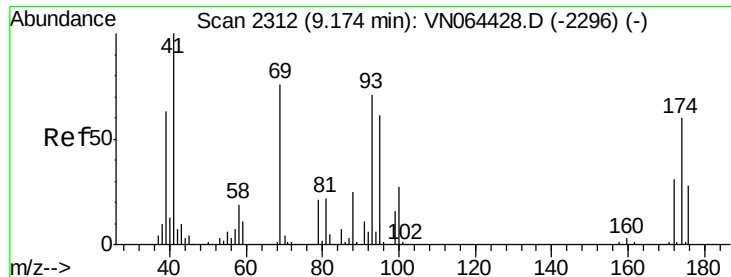
65 25.3 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





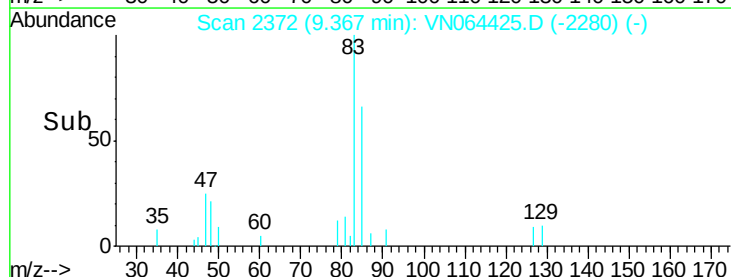
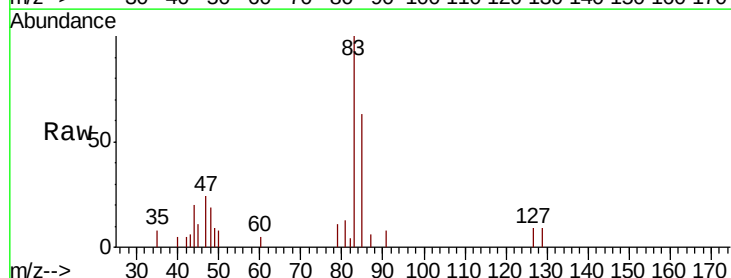
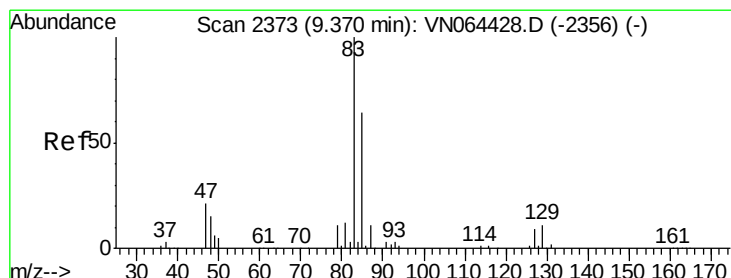
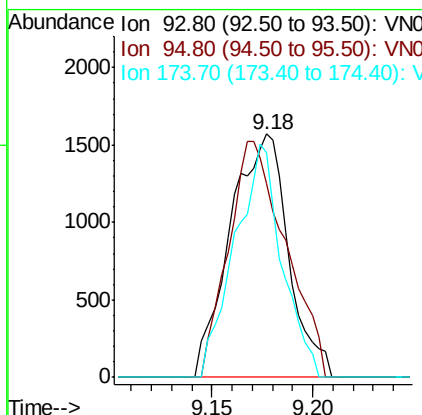
#46
Dibromomethane
Concen: 0.983 ug/l
RT: 9.18 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tot Ion	Ratio	Lower	Upper
93	100		
95	95.2	66.4	99.6
174	77.6	67.2	100.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

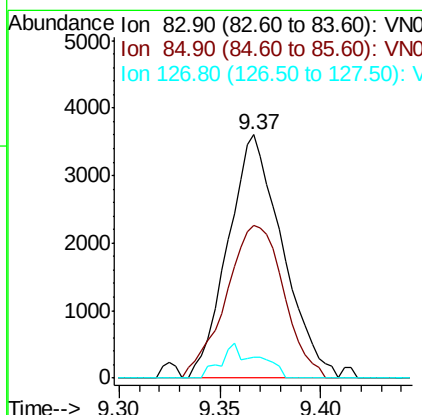
Manual Integrations
APPROVED

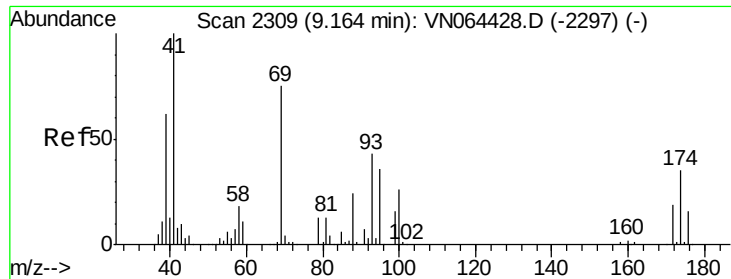
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11/5/2020 10:59:30 AM



#47
Bromodichloromethane
Concen: 0.950 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.2	76.8
127	8.7	6.9	10.3





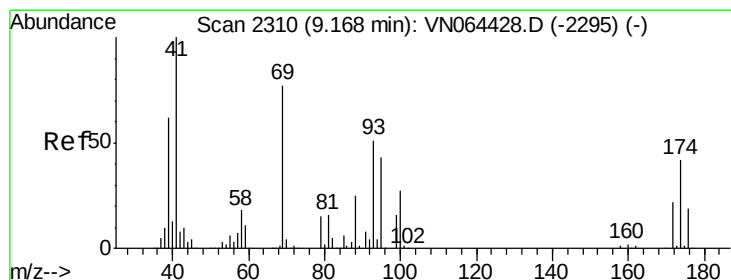
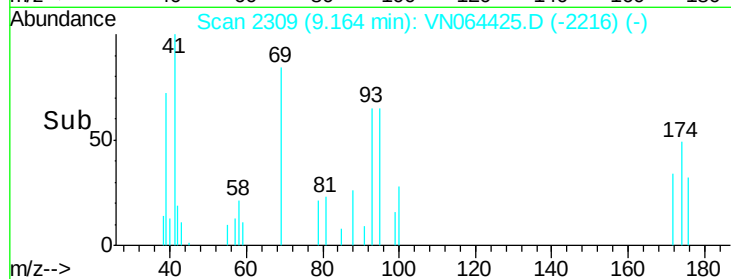
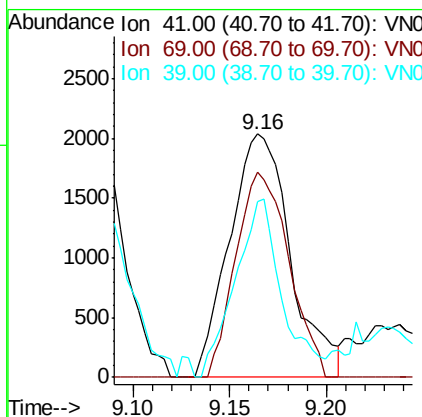
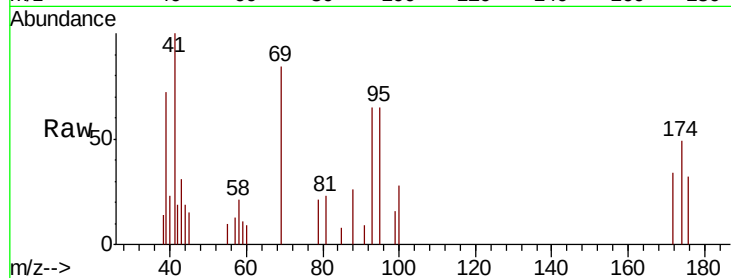
#48
Methyl methacrylate
Concen: 0.818 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleID :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	73.3	60.4	90.6
39	56.5	51.2	76.8

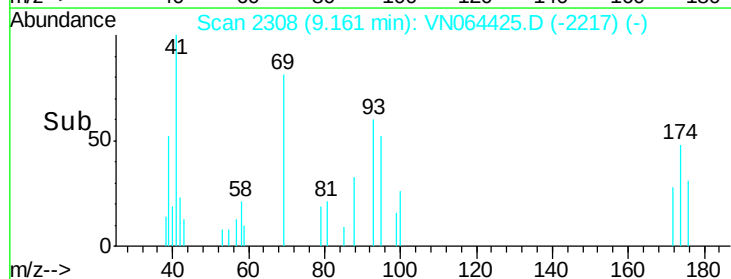
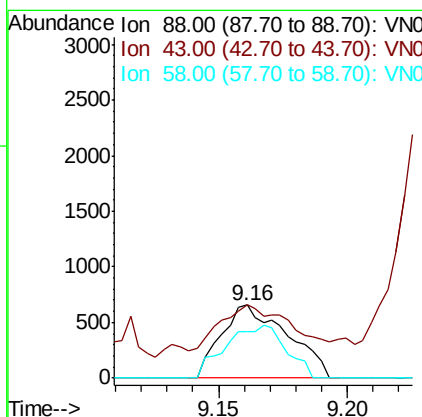
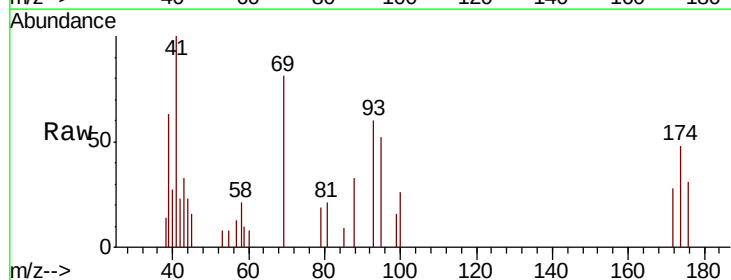
Manual Integrations
APPROVED

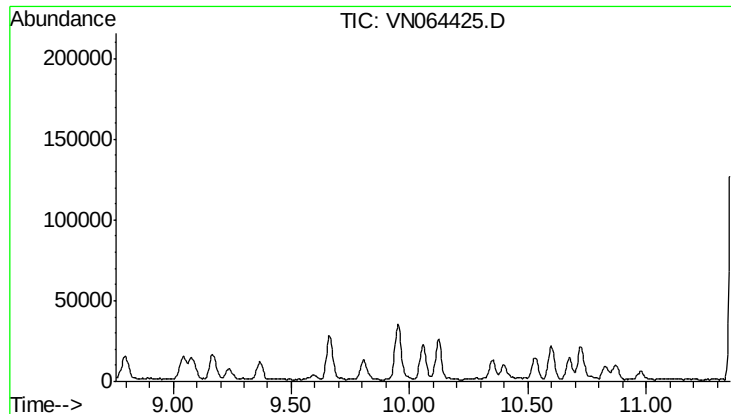
MMDadoda
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#49
1,4-Dioxane
Concen: 14.902 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
88	100		
43	69.4	31.0	46.6#
58	65.9	58.4	87.6





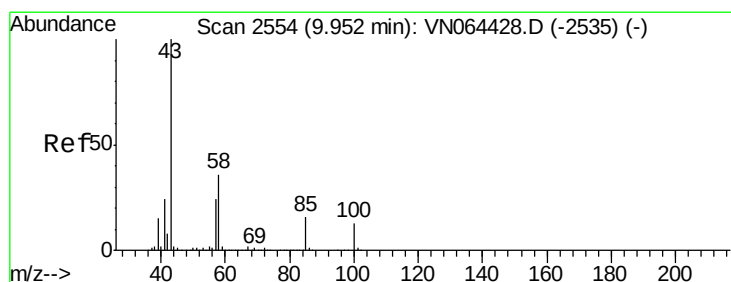
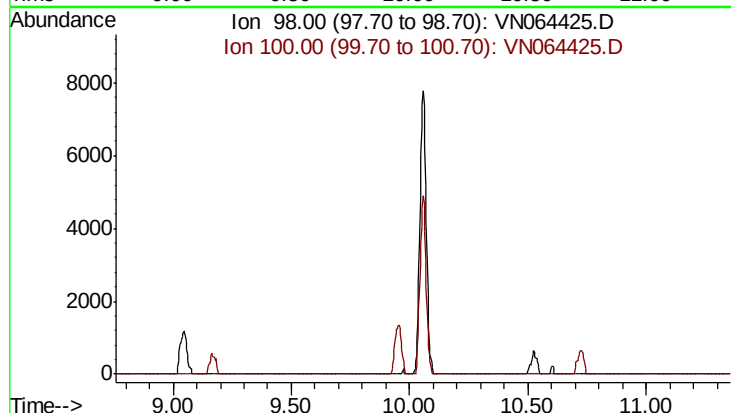
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.4

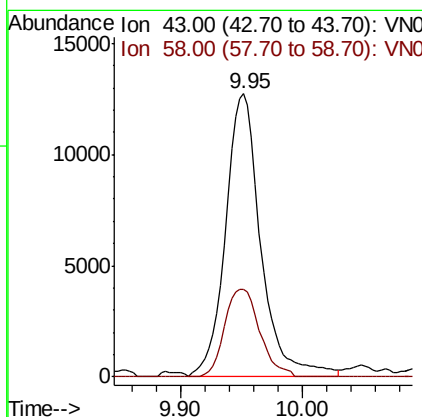
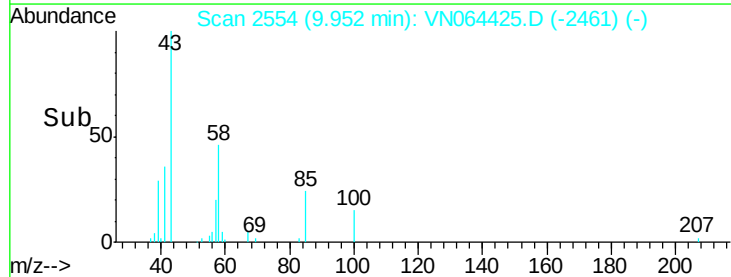
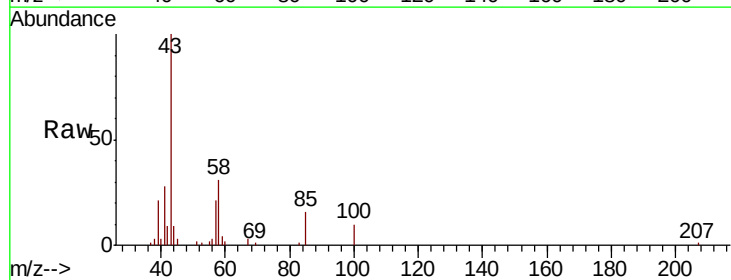
Manual Integrations
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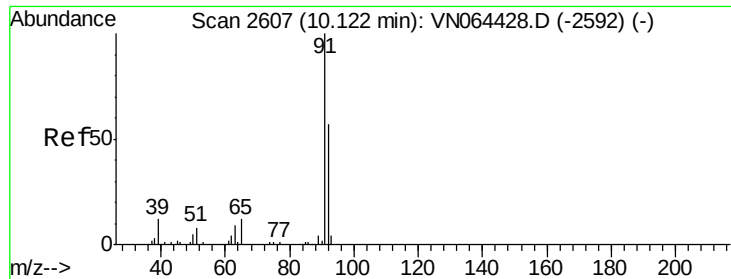
MMDadoda
11/5/2020 10:59:30 AM



#51
4-Methyl-2-Pentanone
Concen: 4.154 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 43 Resp: 25745
Ion Ratio Lower Upper
43 100
58 30.8 28.4 42.6





#52

Toluene

Concen: 0.916 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 10066

Ion Ratio Lower Upper

92 100

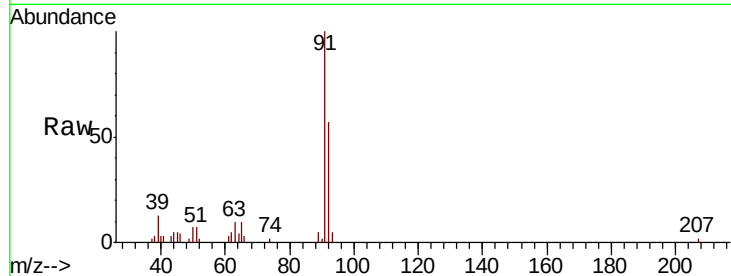
91 174.3 139.6 209.4

Manual Integrations

APPROVED

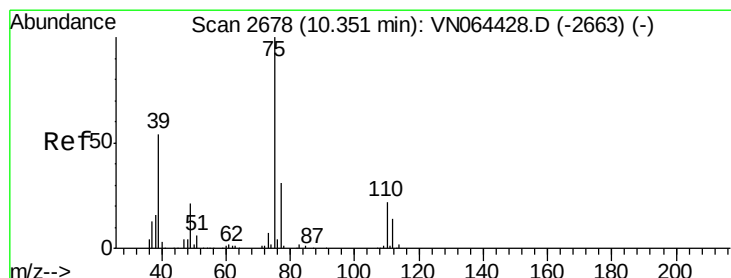
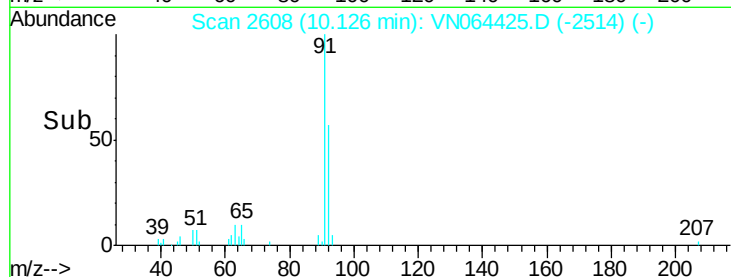
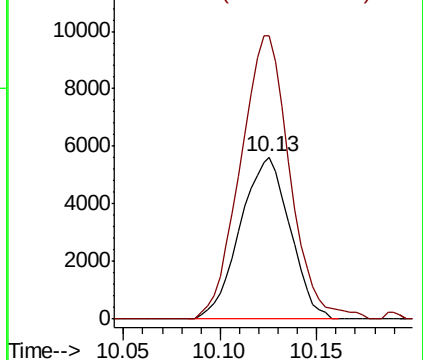
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Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.814 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064425.D

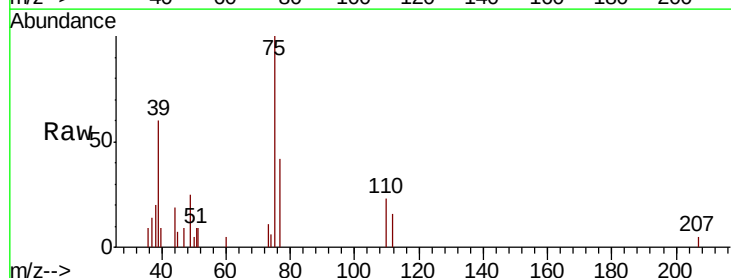
Acq: 4 Nov 2020 9:38

Tgt Ion: 75 Resp: 6173

Ion Ratio Lower Upper

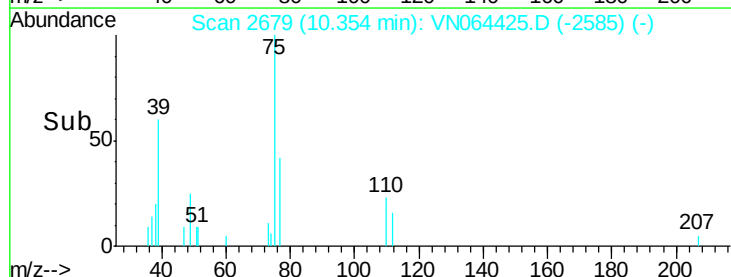
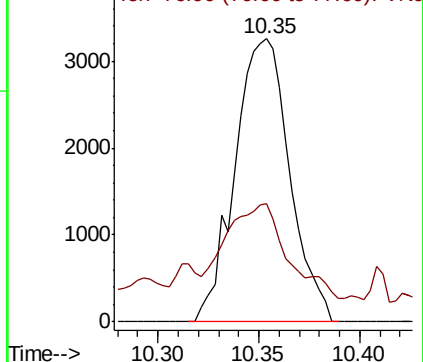
75 100

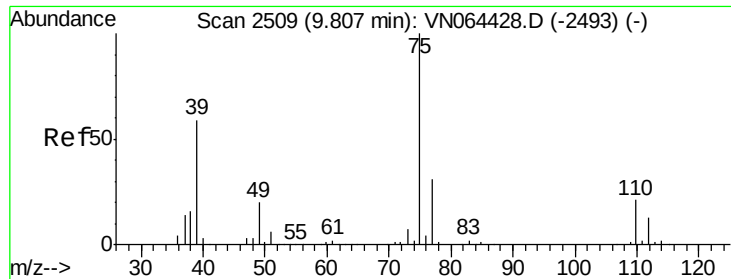
77 33.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#54

cis-1,3-Dichloropropene

Concen: 0.892 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

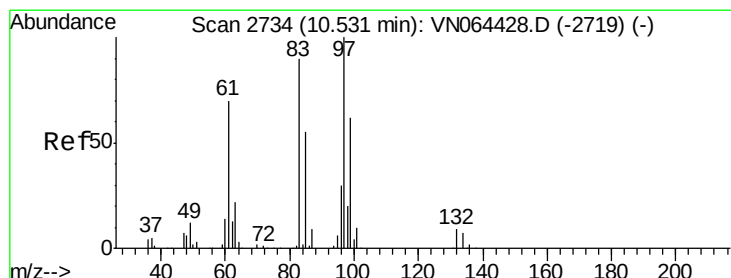
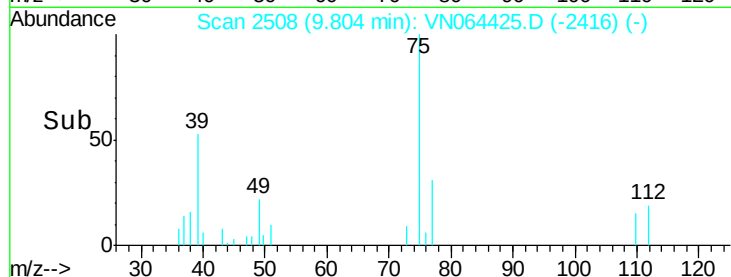
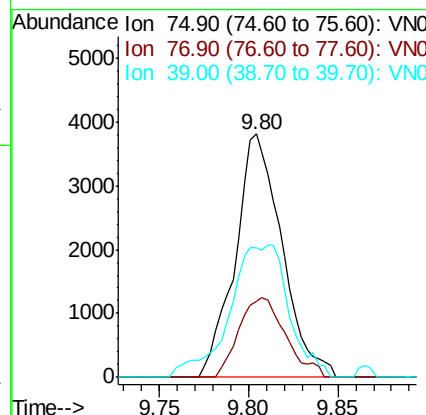
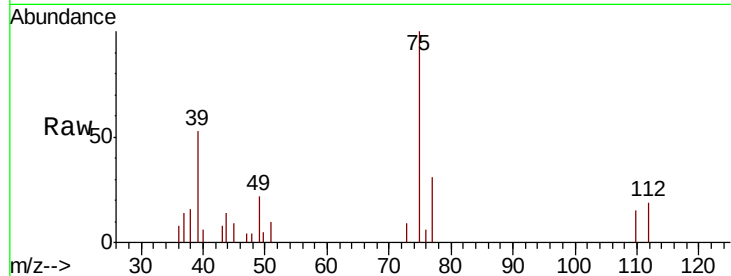
ClientSampled :

VSTDIC001

Tot Ion:	75	Resp:	6965
Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.9	37.3
39	53.1	47.1	70.7

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 0.980 ug/l

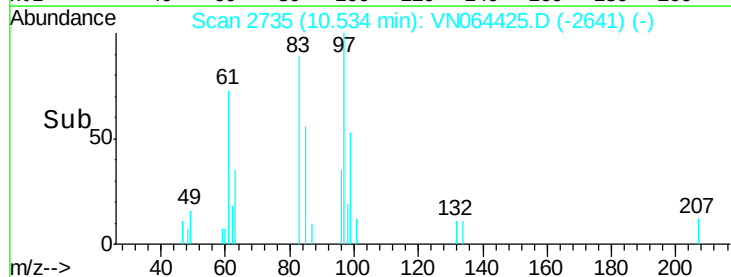
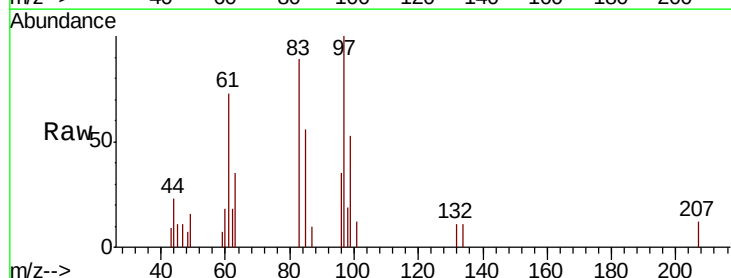
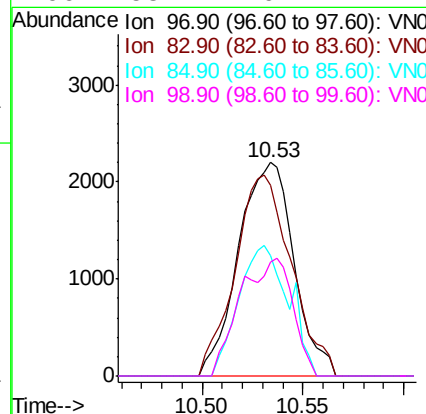
RT: 10.53 min Scan# 2735

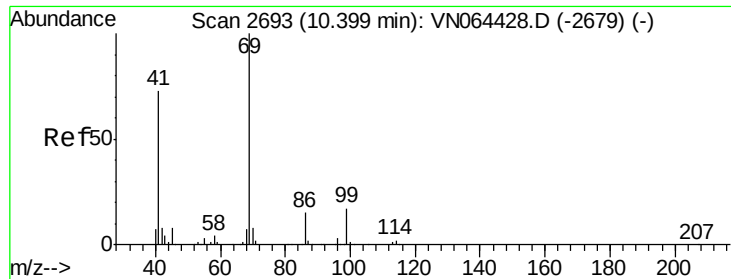
Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Tgt Ion:	97	Resp:	4232
Ion	Ratio	Lower	Upper
97	100		
83	89.5	71.7	107.5
85	56.5	44.3	66.5
99	53.1	49.4	74.2





#56

Ethyl methacrylate

Concen: 0.748 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

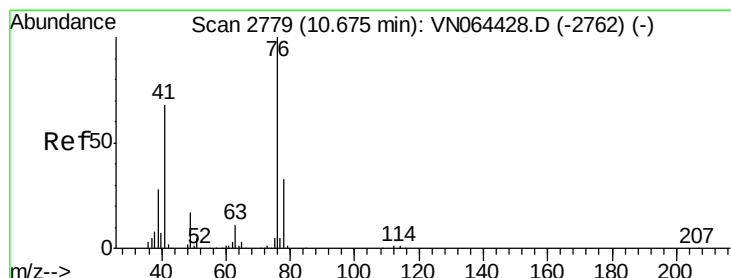
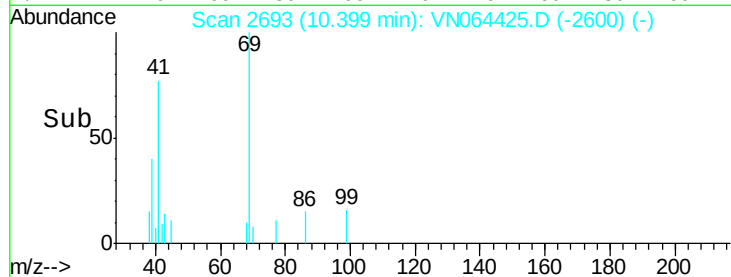
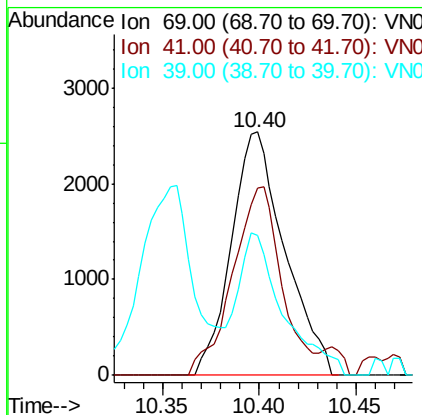
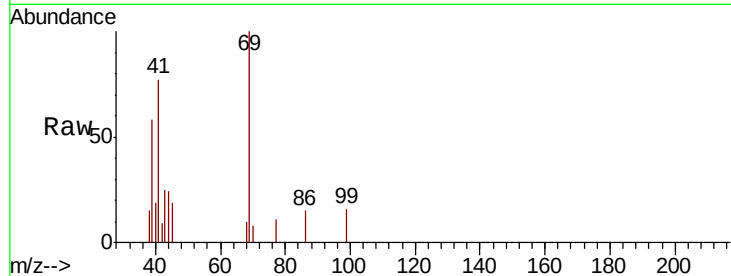
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	4870
Ion	Ratio	Lower	Upper
69	100		
41	70.8	59.3	88.9
39	49.0	35.4	53.0

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.970 ug/l

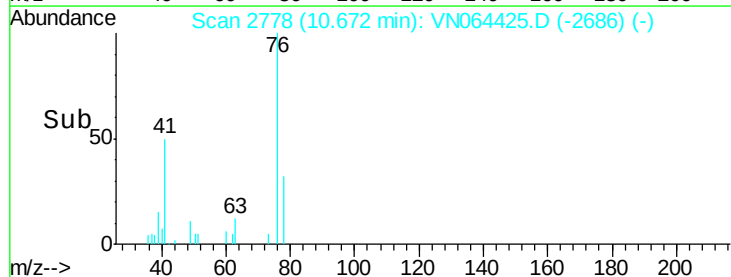
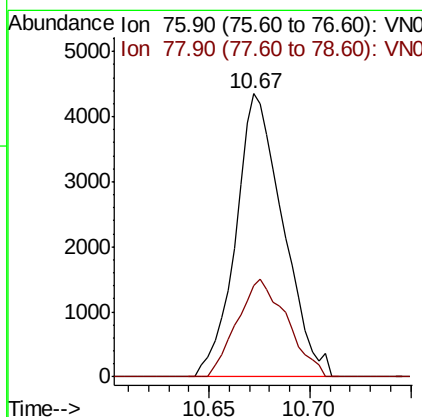
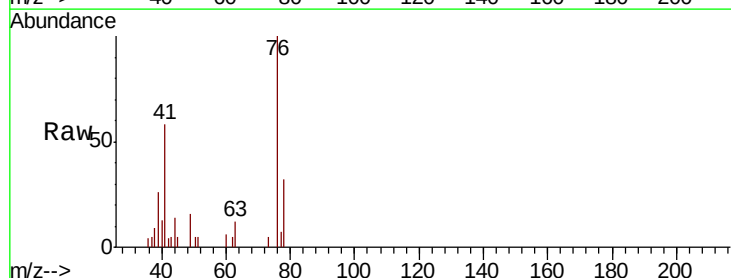
RT: 10.67 min Scan# 2778

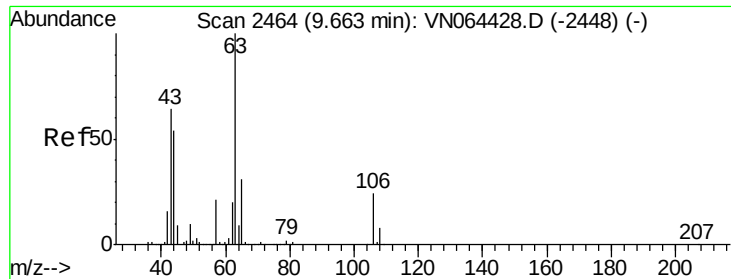
Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Tgt Ion:	76	Resp:	7141
Ion	Ratio	Lower	Upper
76	100		
78	36.4	25.8	38.6





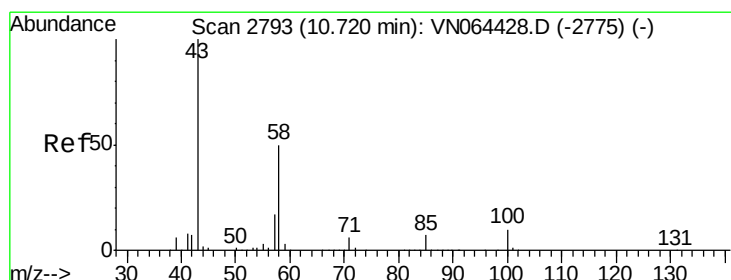
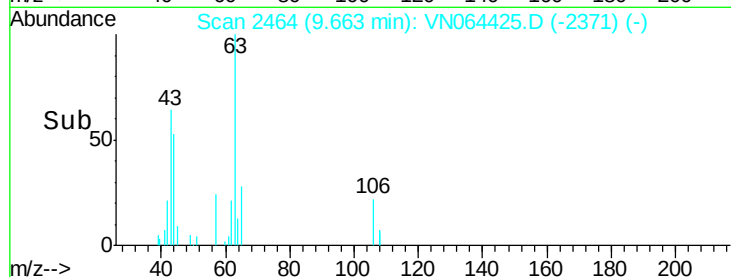
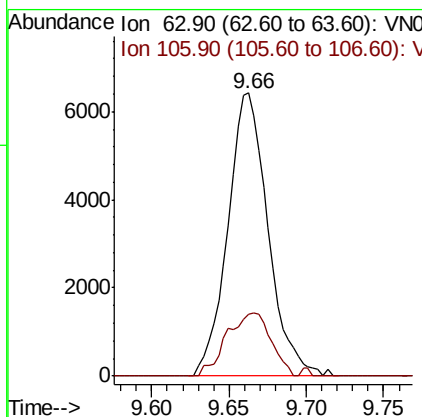
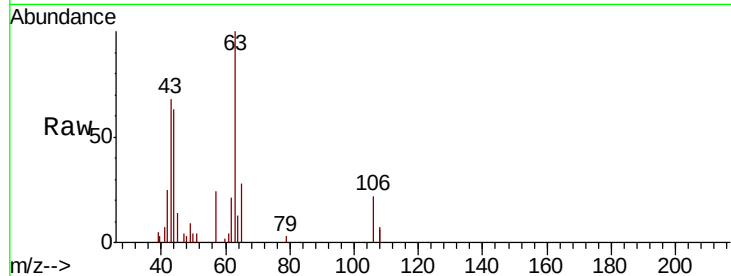
#58
2-Chloroethyl Vinyl ether
Concen: 3.417 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 11572
Ion Ratio Lower Upper
63 100
106 24.8 19.5 29.3

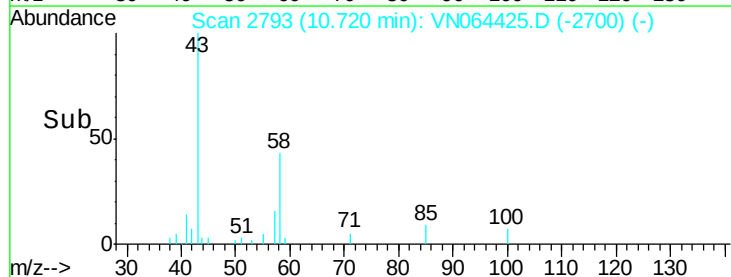
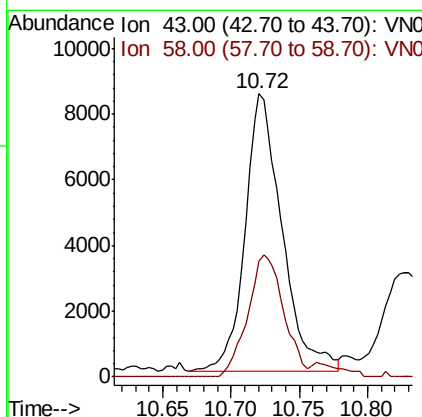
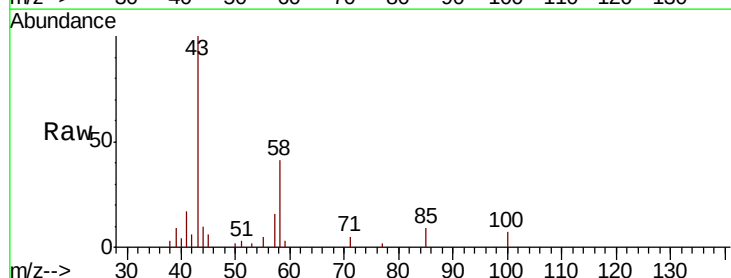
Manual Integrations
APPROVED

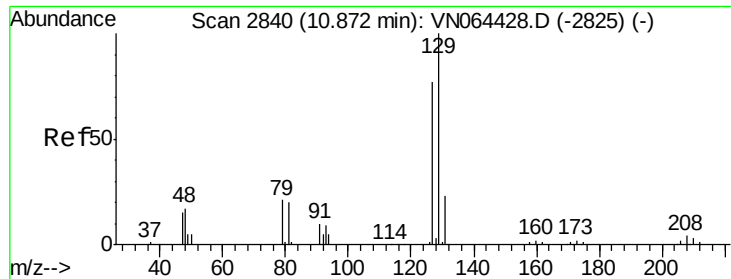
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#59
2-Hexanone
Concen: 3.514 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 43 Resp: 16009
Ion Ratio Lower Upper
43 100
58 42.4 24.7 74.1





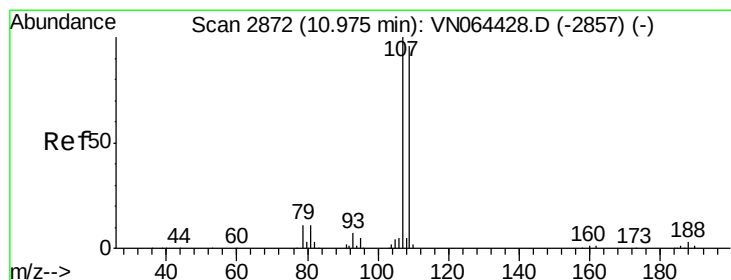
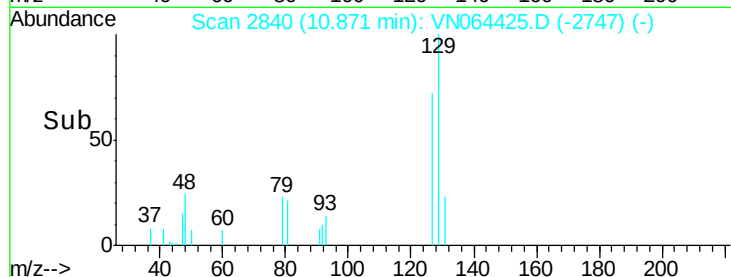
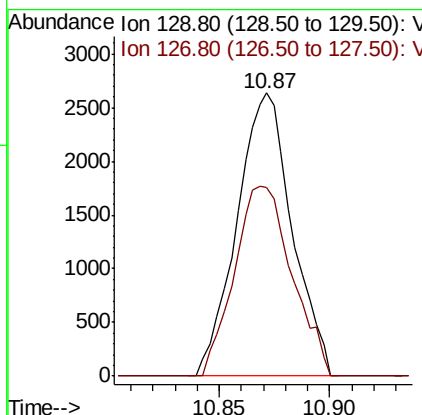
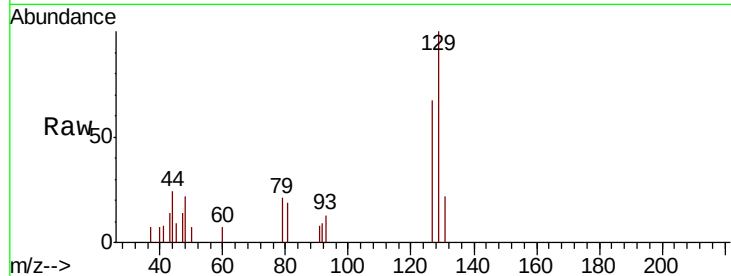
#60
Dibromochloromethane
Concen: 0.912 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	70.0	38.9	116.7

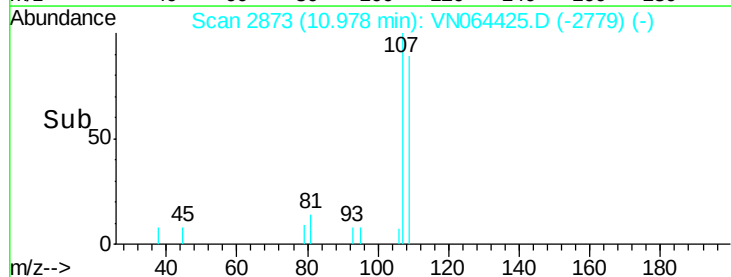
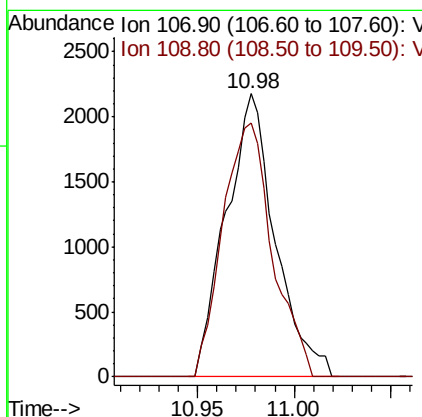
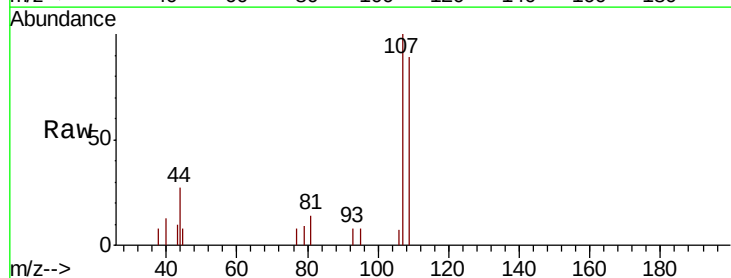
Manual Integrations
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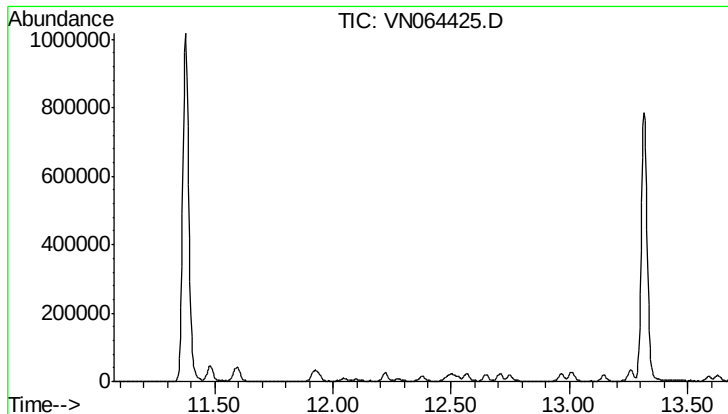
MMDadoda
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#61
1,2-Dibromoethane
Concen: 0.883 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
107	100		
109	90.5	75.9	113.9





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.37 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Tot Ion: 95

Sig Exp Ratio

95 100

174 66.3

176 64.6

Instrument :

MSVOA_N

ClientSampleId :

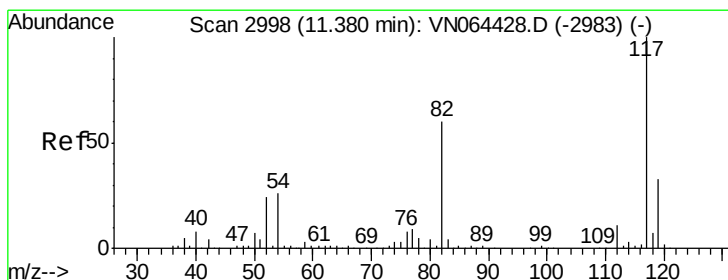
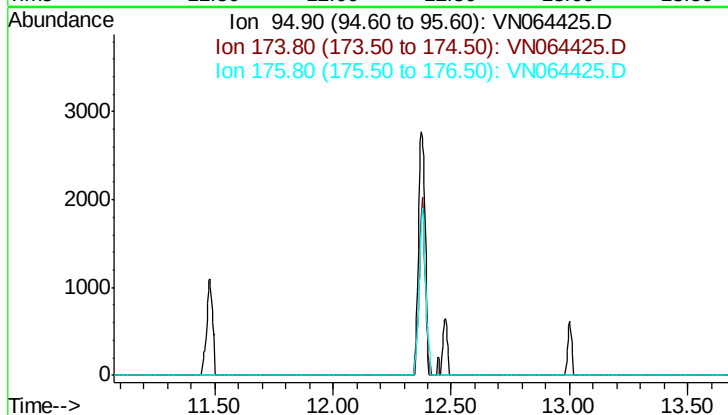
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

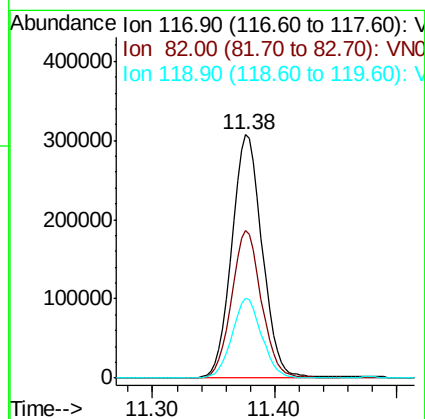
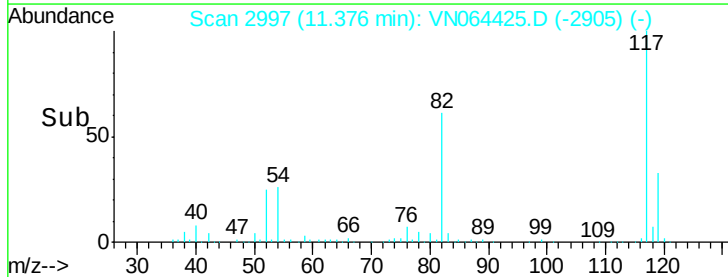
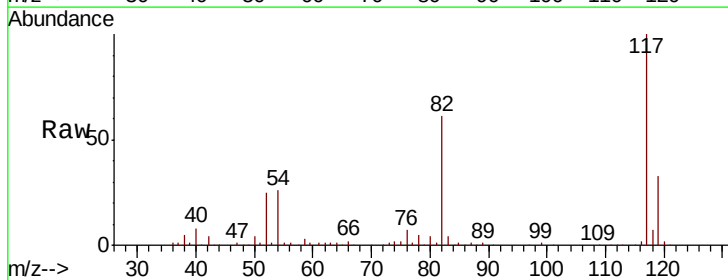
Tgt Ion: 117 Resp: 536270

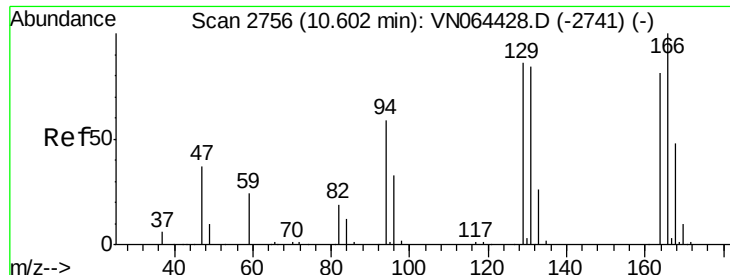
Ion Ratio Lower Upper

117 100

82 60.7 48.1 72.1

119 33.0 26.2 39.4





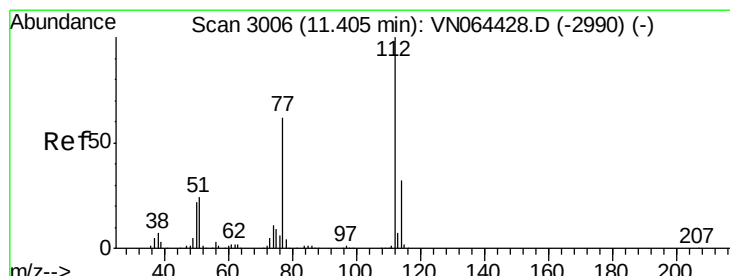
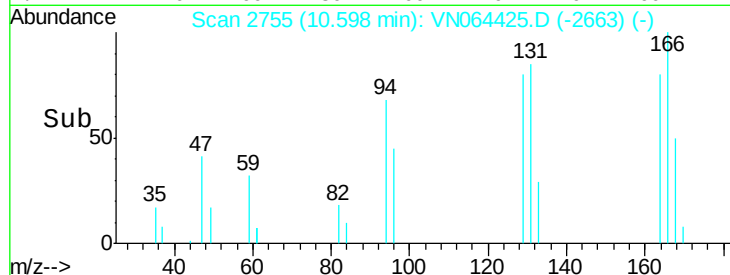
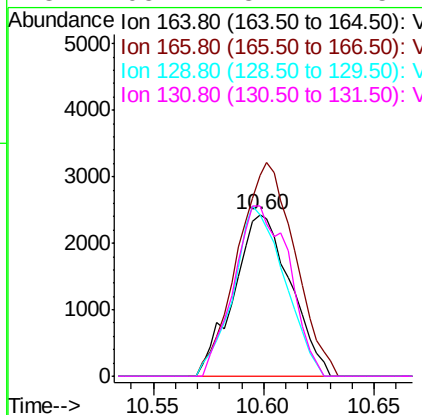
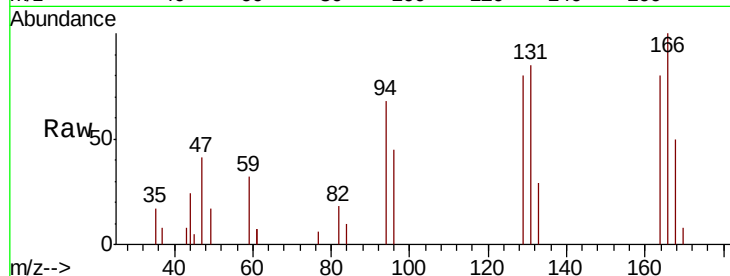
#64
Tetrachloroethene
Concen: 0.984 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.4	98.2	147.2
129	99.7	84.6	127.0
131	105.2	82.2	123.2

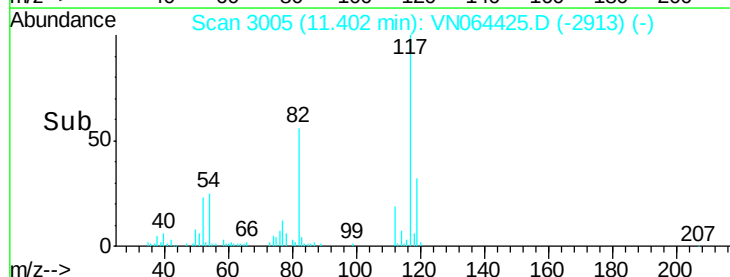
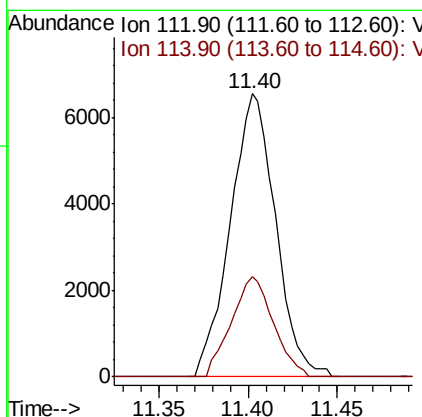
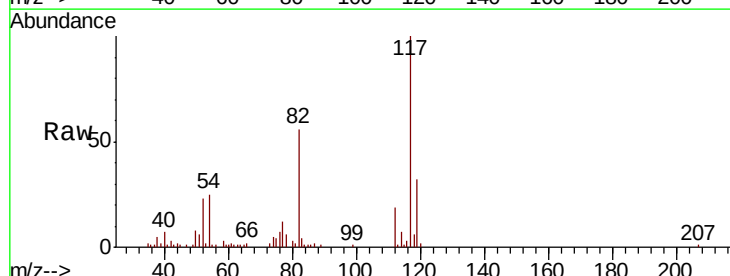
Manual Integrations
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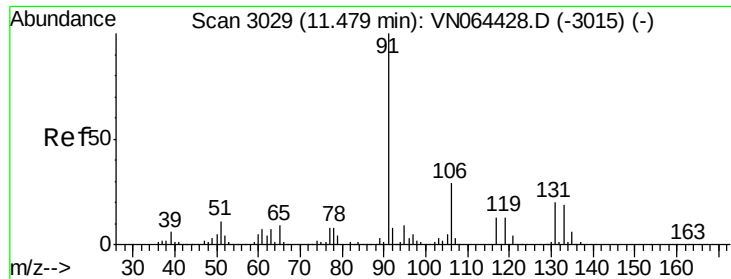
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#65
Chlorobenzene
Concen: 1.044 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
112	100		
114	35.2	25.6	38.4





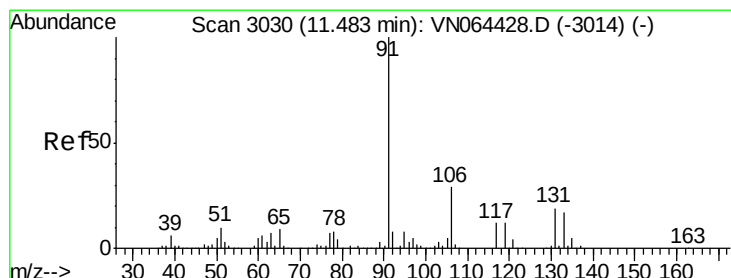
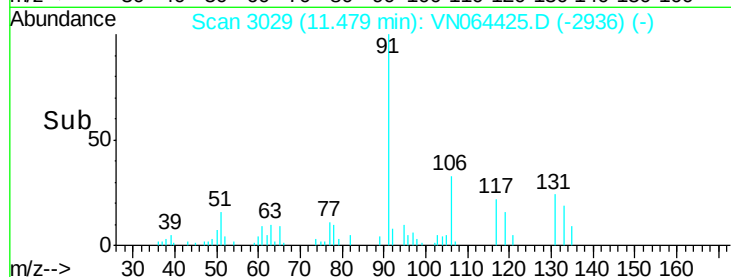
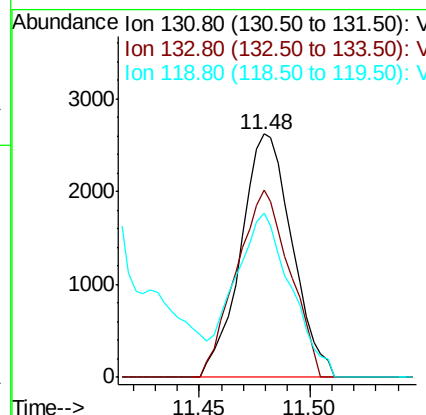
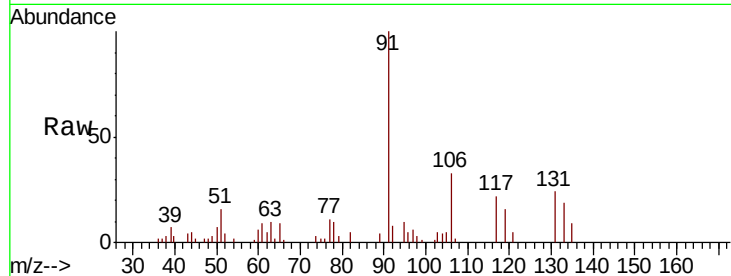
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.951 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	80.0	46.9	140.7
119	0.0	32.1	96.5#

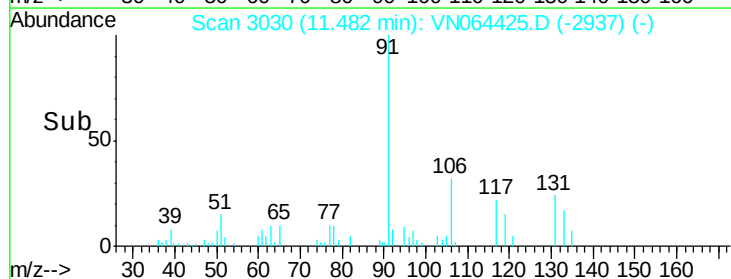
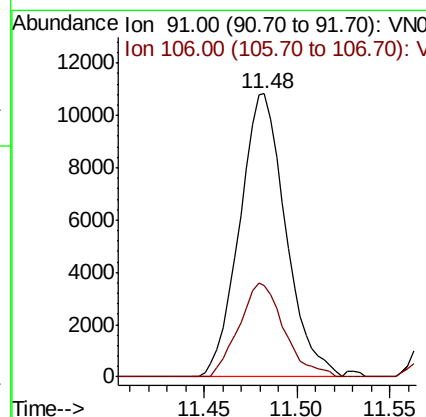
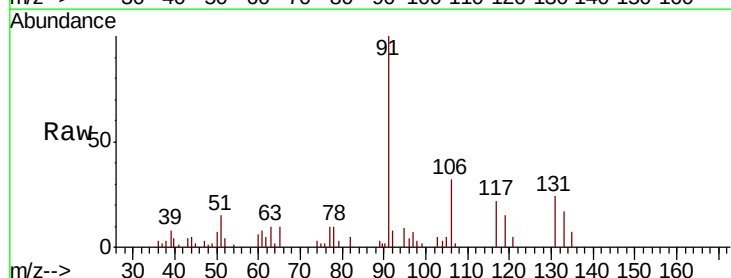
Manual Integrations
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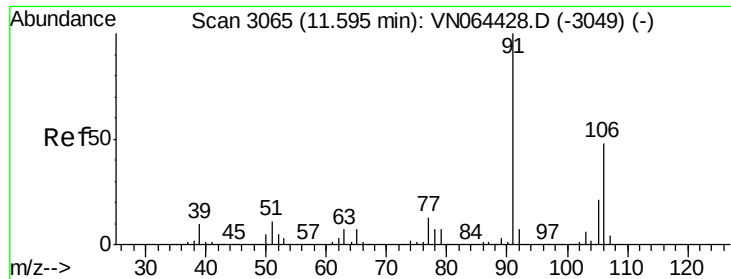
MMDadoda
 11/5/2020 10:59:30 AM



#67
 Ethyl Benzene
 Concen: 0.909 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.4	23.6	35.4





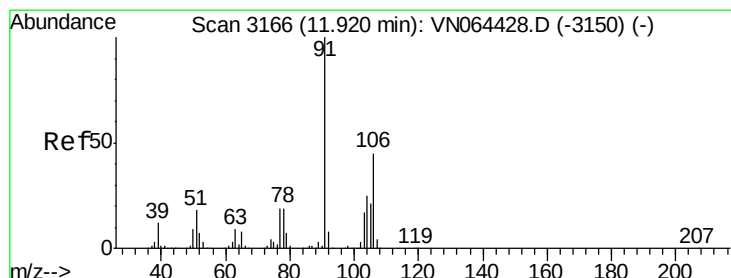
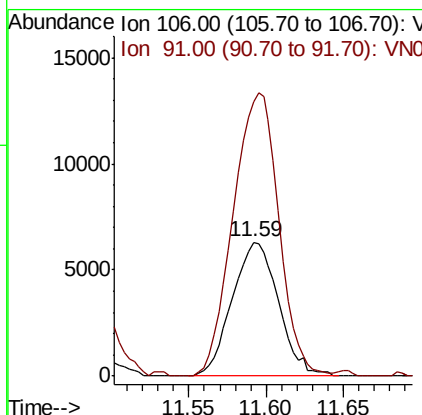
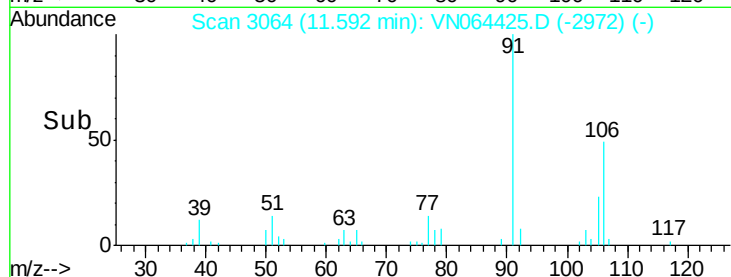
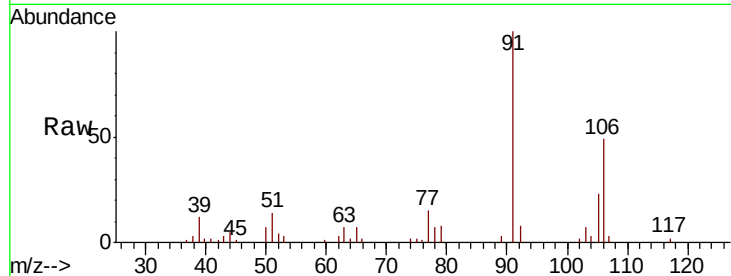
#68
m/p-Xylenes
Concen: 1.726 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 13163
Ion Ratio Lower Upper
106 100
91 208.4 169.4 254.2

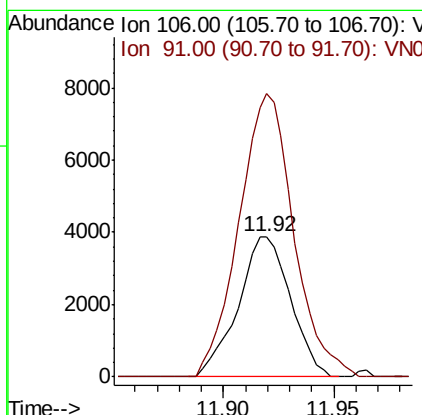
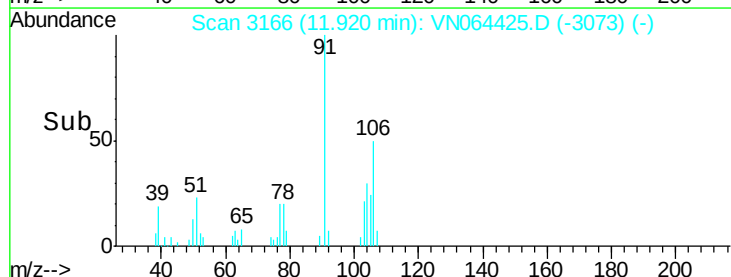
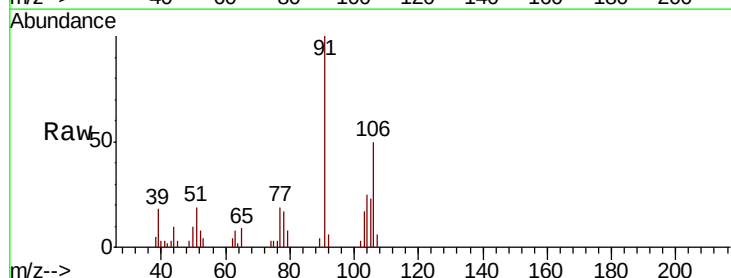
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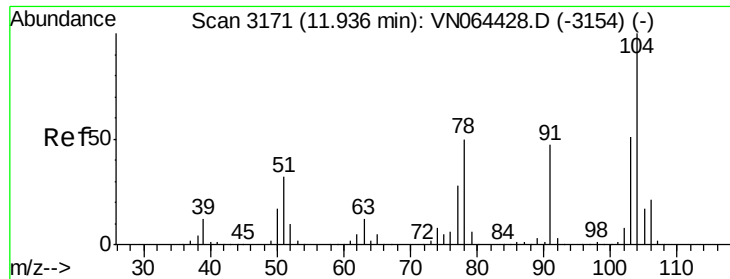
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#69
o-Xylene
Concen: 0.868 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion:106 Resp: 6383
Ion Ratio Lower Upper
106 100
91 211.8 111.7 334.9





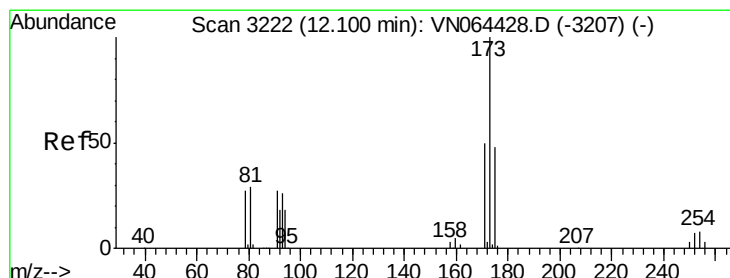
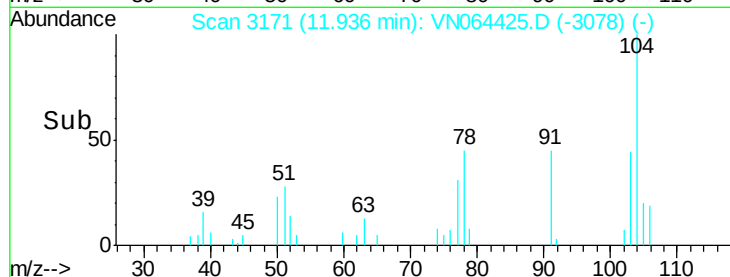
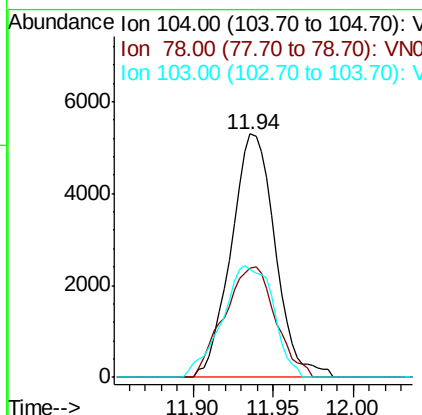
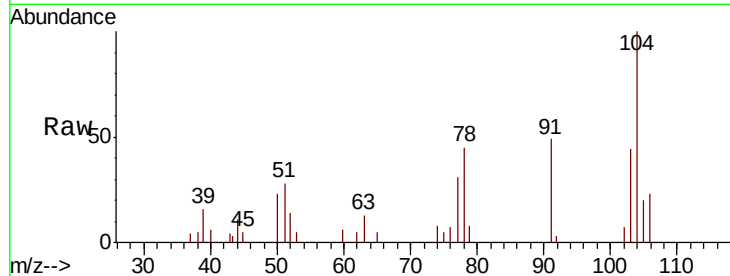
#70
Stvrene
Concen: 0.824 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.8	44.0	66.0
103	53.2	43.8	65.6

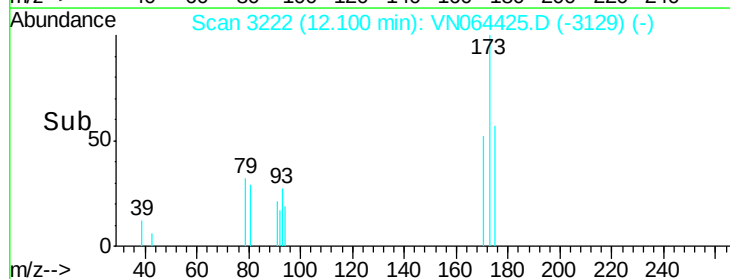
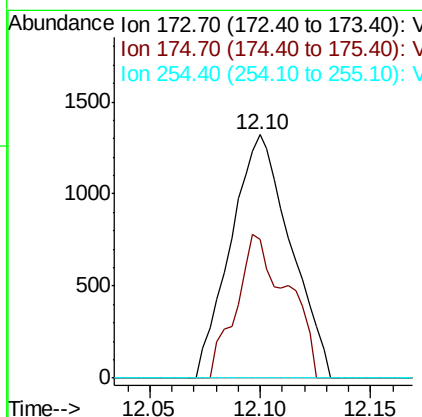
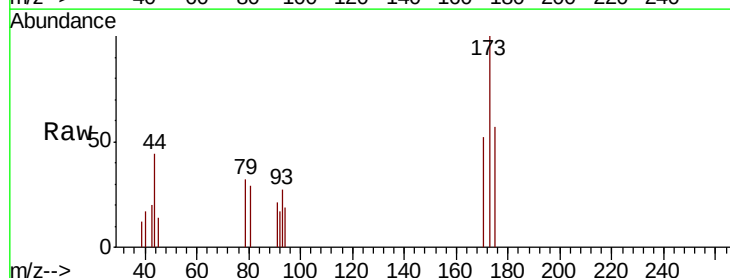
Manual Integrations
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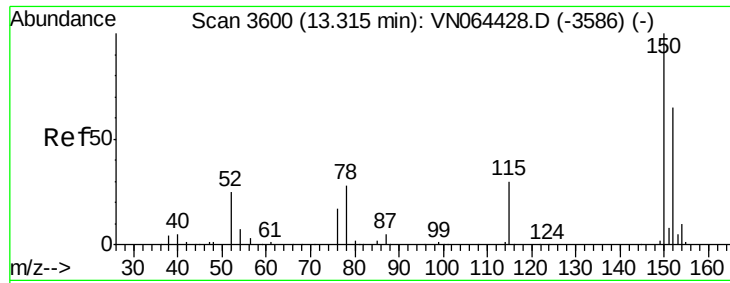
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#71
Bromoform
Concen: 0.725 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.5	23.7	71.1
254	0.0	0.0	0.0





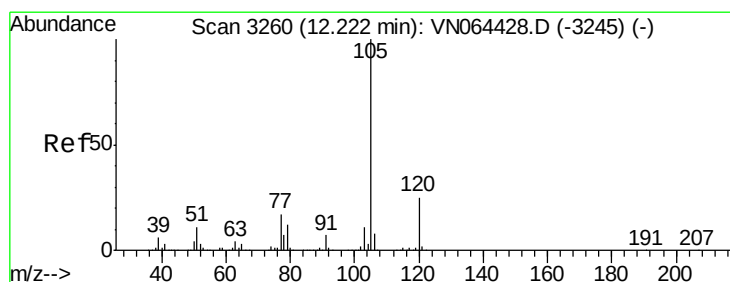
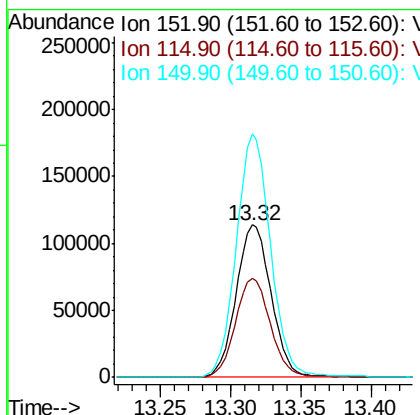
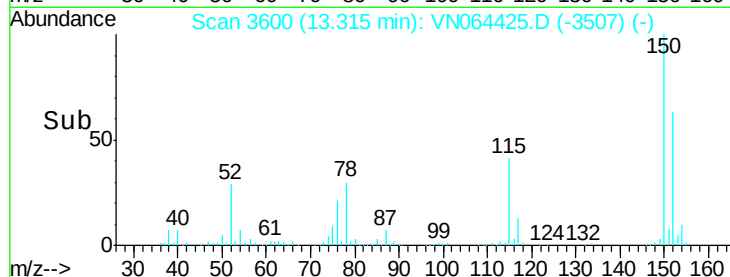
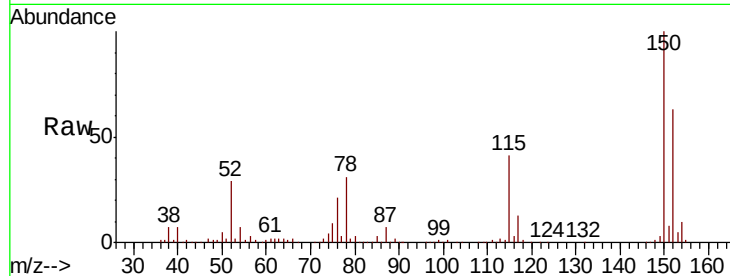
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.4	32.0	96.0
150	156.1	0.0	353.8

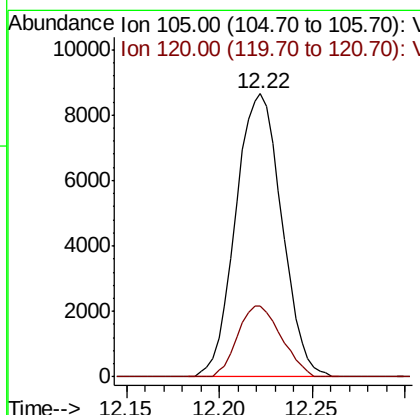
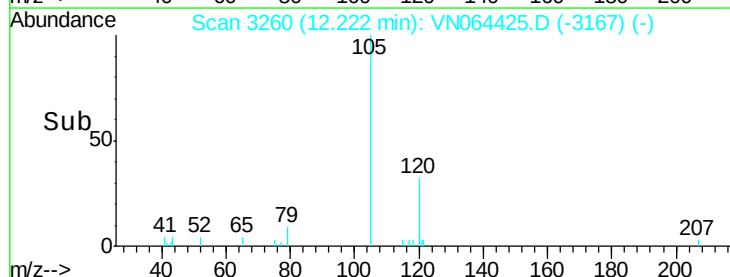
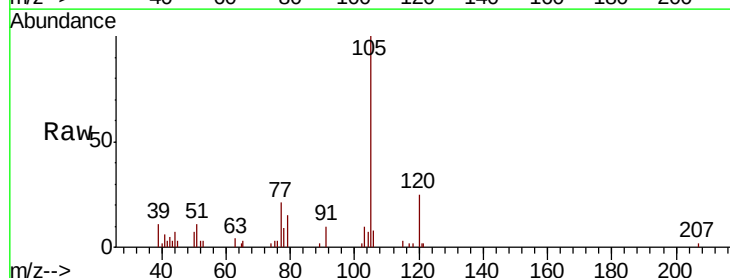
Manual Integrations
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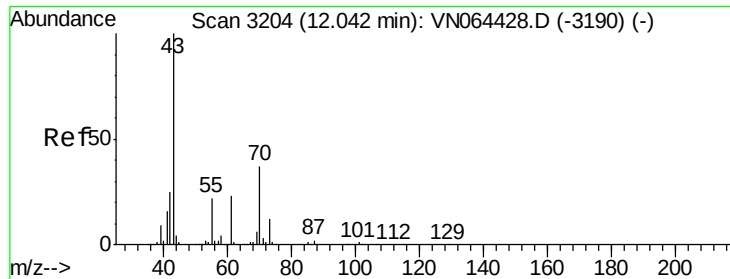
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#73
 Isopropylbenzene
 Concen: 0.984 ug/l
 RT: 12.22 min Scan# 3260
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.7	12.8	38.3





#74

N-amvl acetate

Concen: 0.753 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

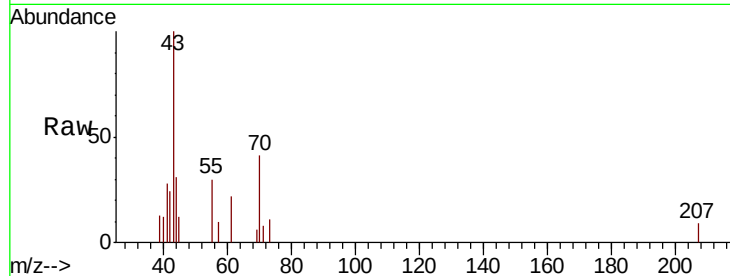
ClientSampleId :

VSTDIC001

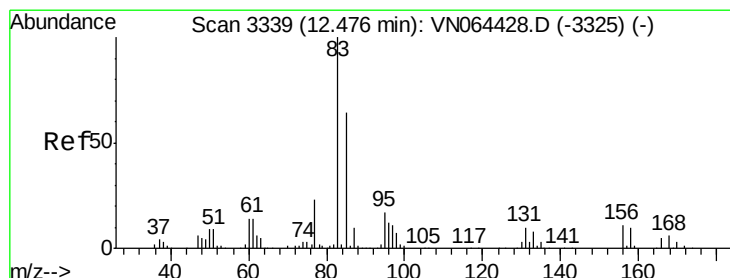
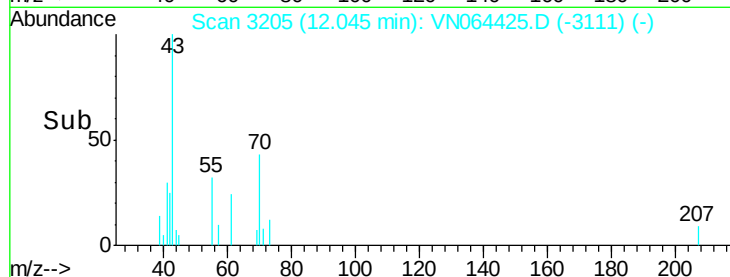
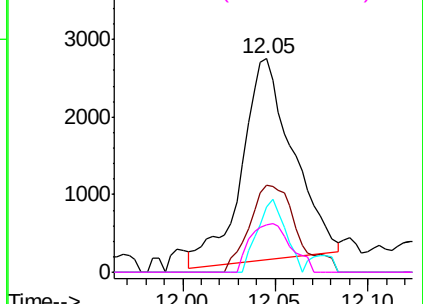
Tot Ion	Ratio	Lower	Upper
43	100		
70	40.0	29.6	44.4
55	19.6	18.4	27.6
61	19.4	17.8	26.6

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Abundance Ion 43.00 (42.70 to 43.70): VN064425.D (-3190) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: 1.202 ug/l

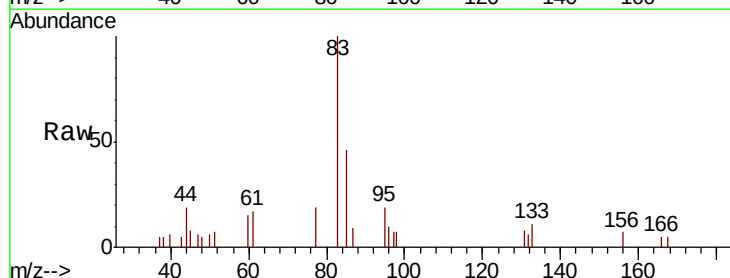
RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

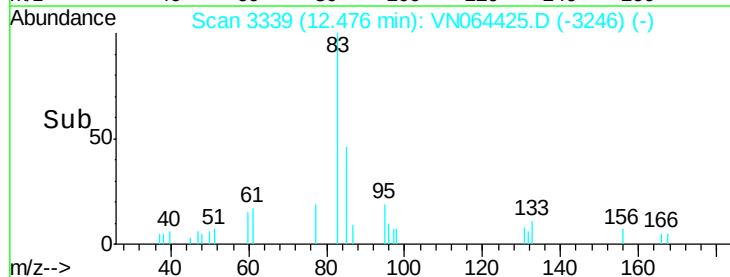
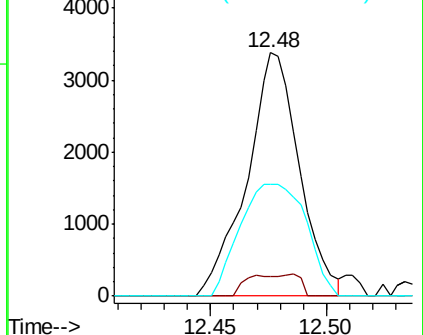
Lab File: VN064425.D

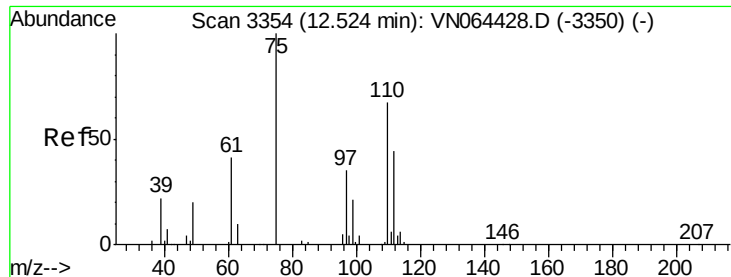
Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
83	100		
131	5.5	4.9	14.7
85	58.0	32.1	96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064425.D (-3246) (-)





#76

1,2,3-Trichloropropane

Concen: 1.082 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 5140

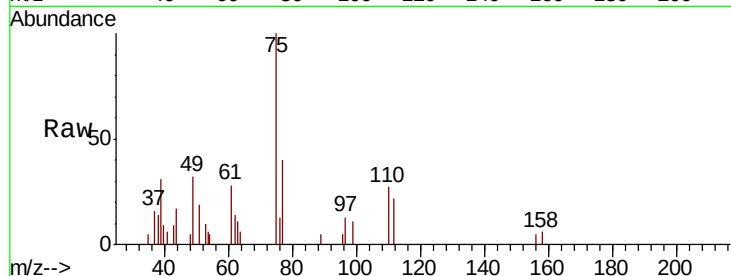
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

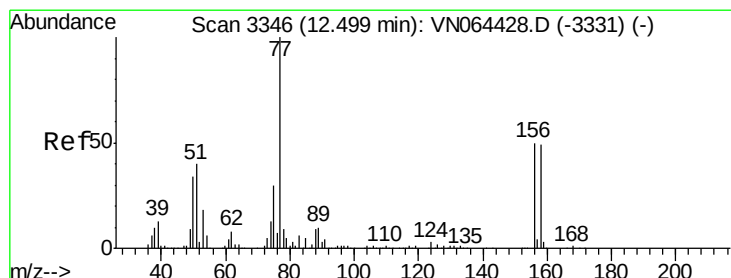
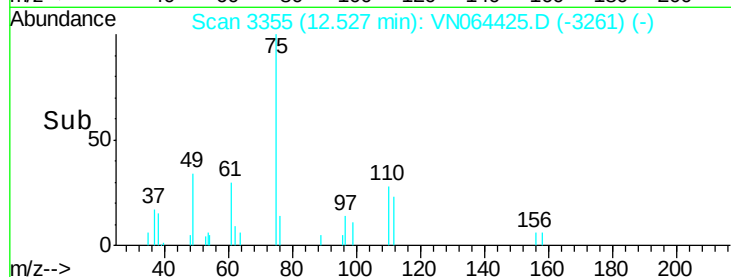
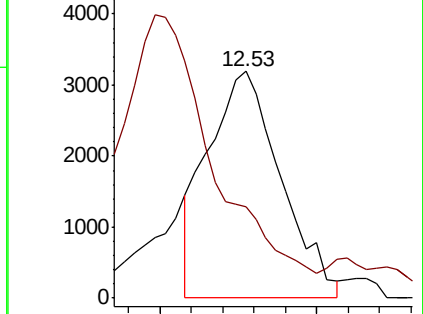
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Abundance Ion 74.90 (74.60 to 75.60): VN064425.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064425.D (-3350) (-)



#77

Bromobenzene

Concen: 1.094 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

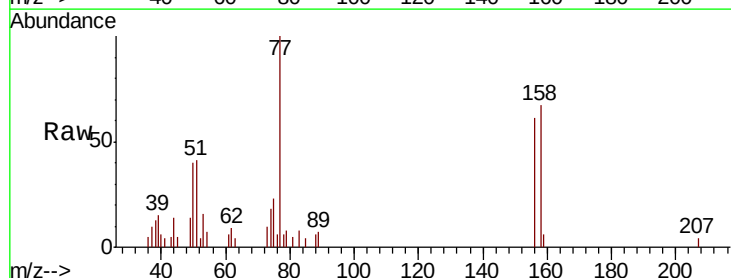
Tgt Ion: 156 Resp: 4030

Ion Ratio Lower Upper

156 100

77 215.3 119.0 357.0

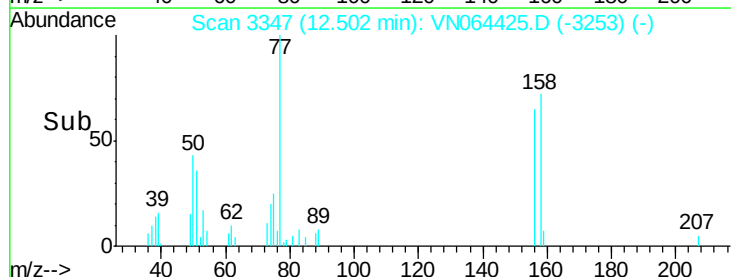
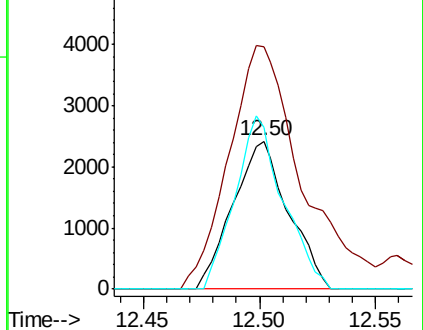
158 101.9 48.4 145.3

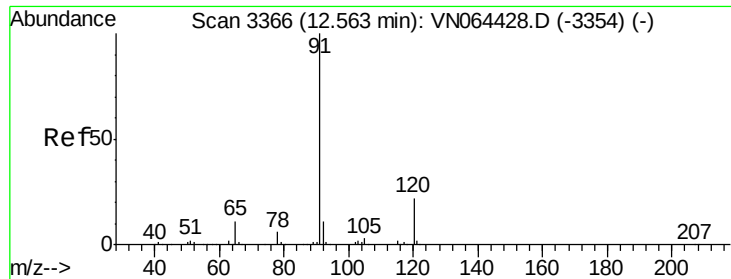


Abundance Ion 155.80 (155.50 to 156.50): VN064425.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN064425.D (-3253) (-)

Ion 157.80 (157.50 to 158.50): VN064425.D (-3253) (-)





#78

n-propylbenzene

Concen: 0.974 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 16734

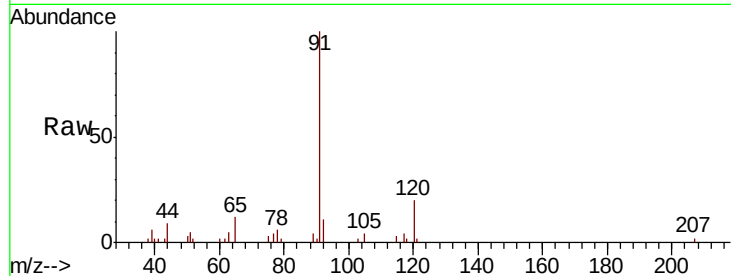
Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

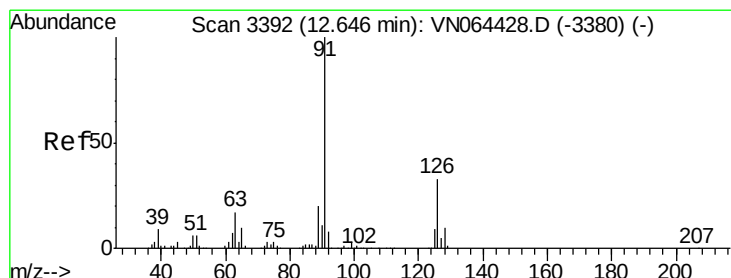
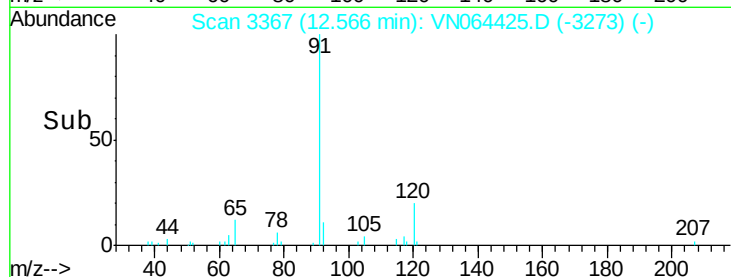
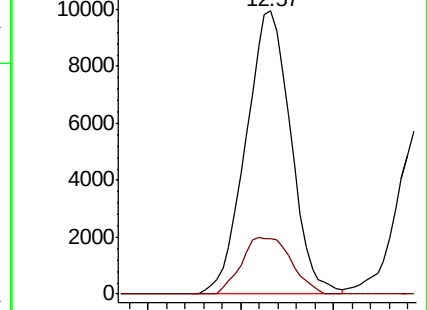
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Abundance Ion 91.00 (90.70 to 91.70): VN064425.D (-3367) (-)

Ion 120.00 (119.70 to 120.70): VN064425.D (-3367) (-)



#79

2-Chlorotoluene

Concen: 1.013 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064425.D

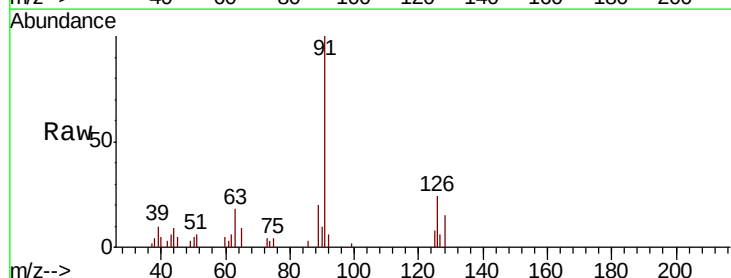
Acq: 4 Nov 2020 9:38

Tgt Ion: 91 Resp: 11082

Ion Ratio Lower Upper

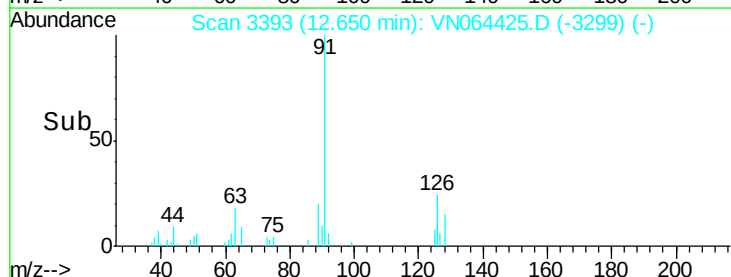
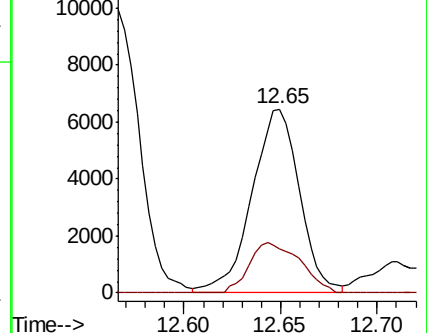
91 100

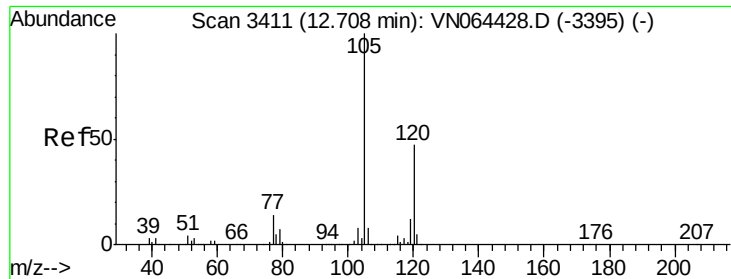
126 29.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064425.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN064425.D (-3392) (-)





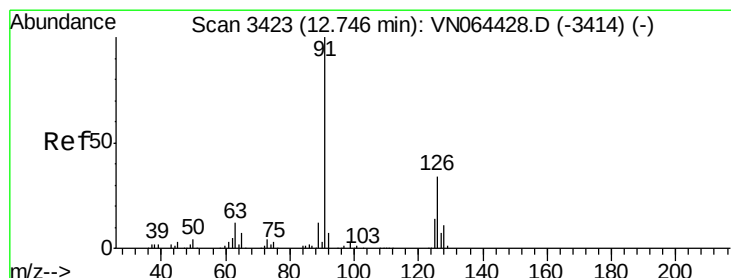
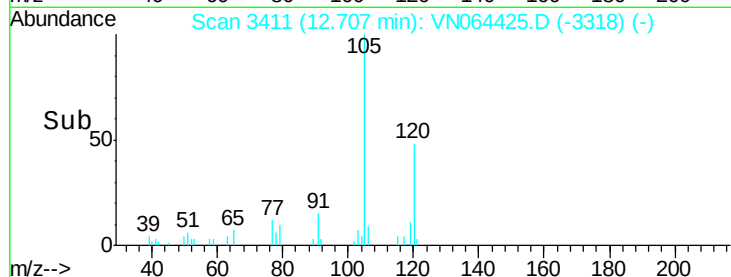
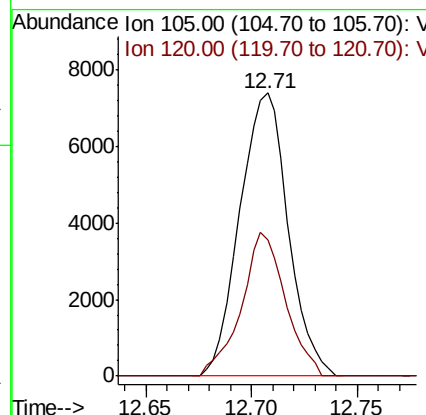
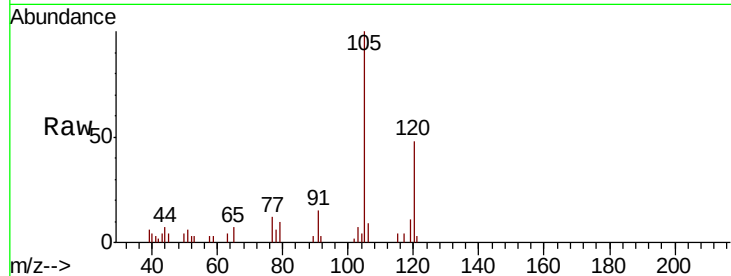
#80
 1,3,5-Trimethylbenzene
 Concen: 0.923 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.4	70.2

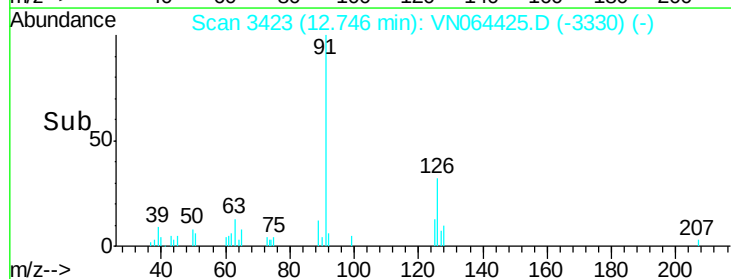
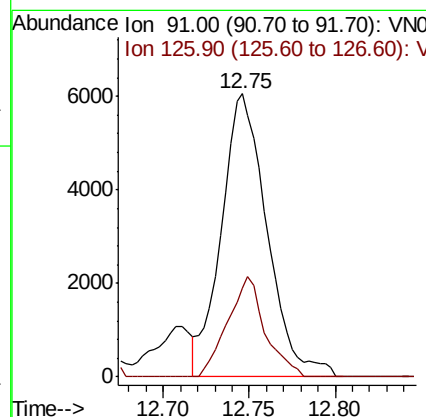
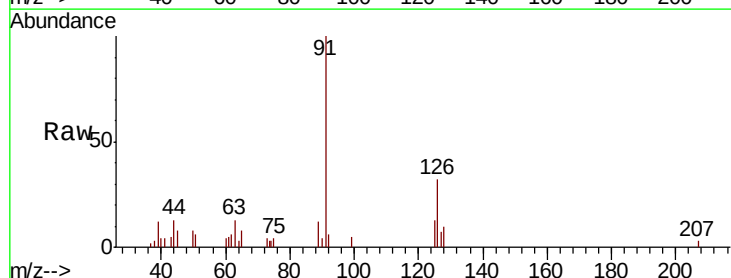
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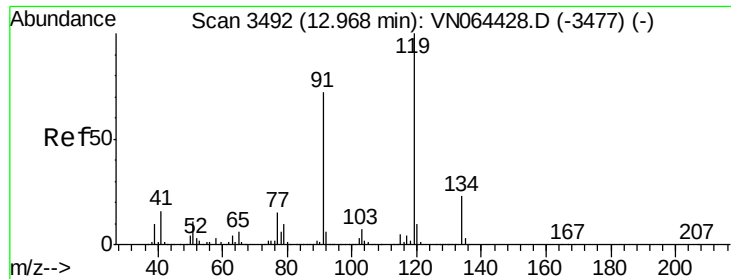
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#82
 4-Chlorotoluene
 Concen: 1.000 ug/l
 RT: 12.75 min Scan# 3423
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	15.4	46.2





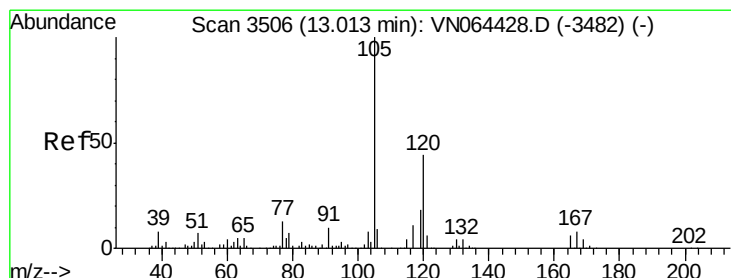
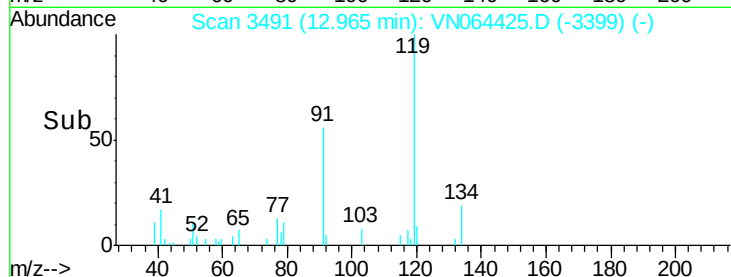
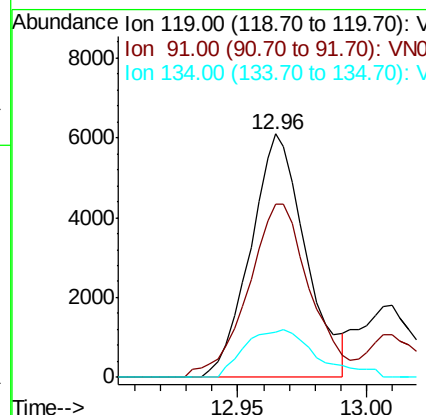
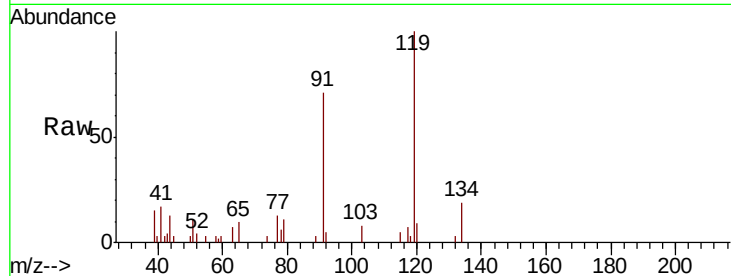
#83
 tert-Butylbenzene
 Concen: 0.878 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	78.8	36.1	108.3
134	25.6	11.7	35.1

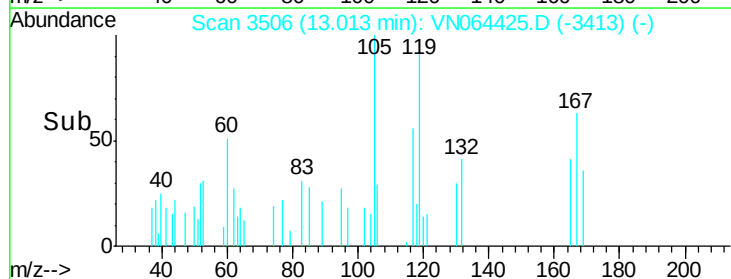
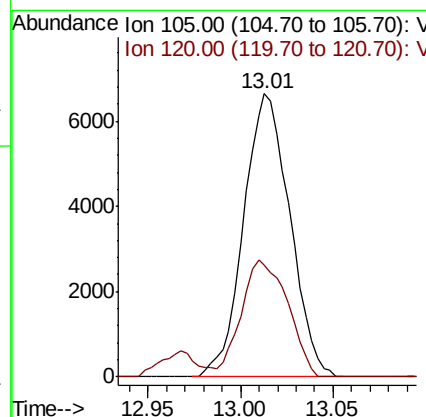
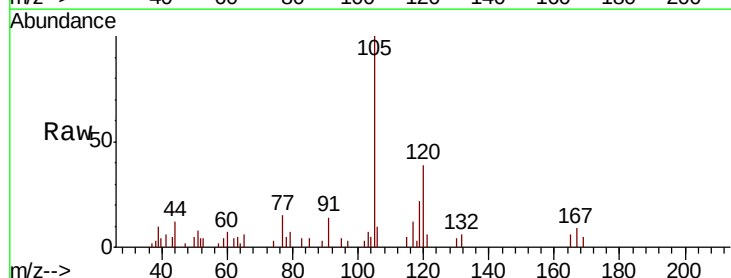
Manual Integrations
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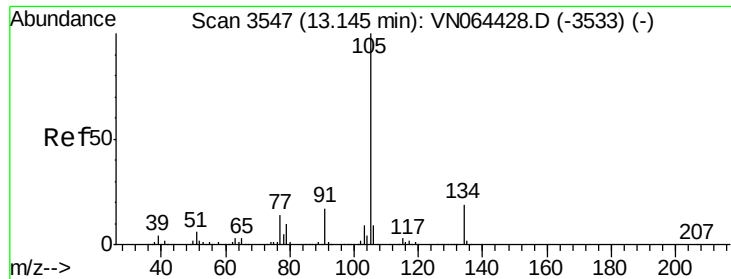
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#84
 1,2,4-Trimethylbenzene
 Concen: 0.898 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.3	21.9	65.7





#85

sec-Butylbenzene

Concen: 0.779 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 10512

Ion Ratio Lower Upper

105 100

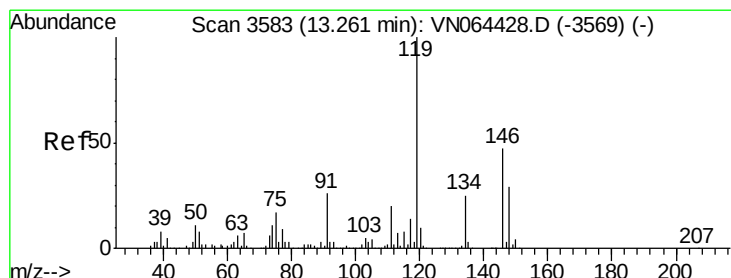
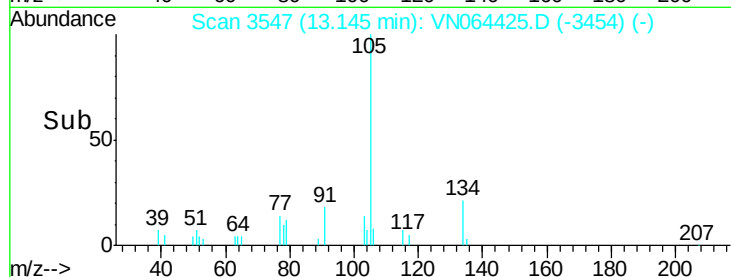
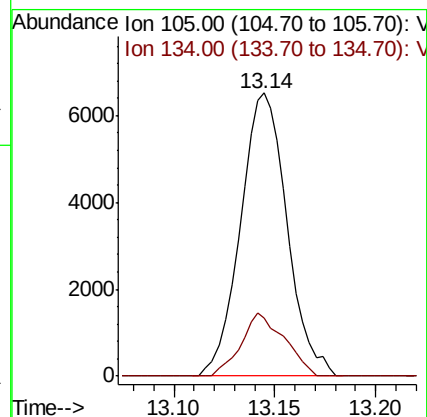
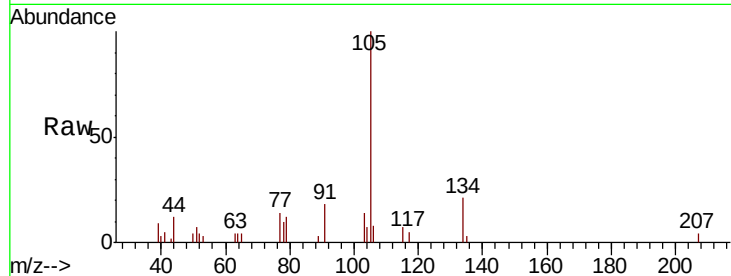
134 20.8 9.4 28.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 0.762 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

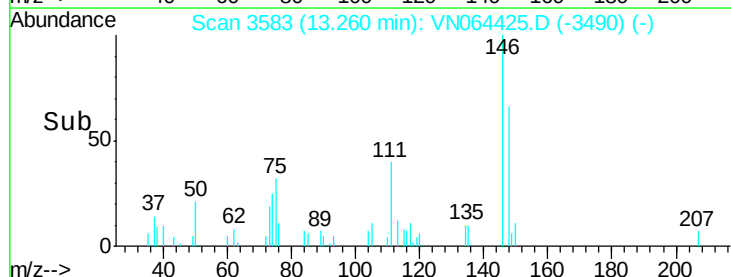
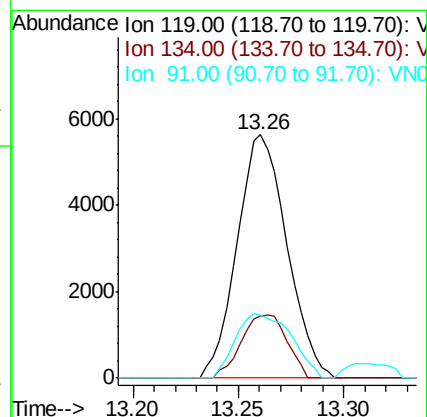
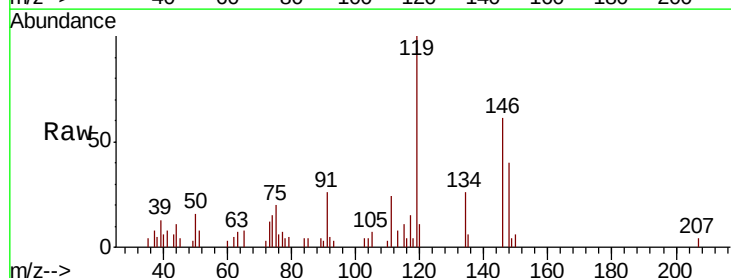
Tgt Ion:119 Resp: 9231

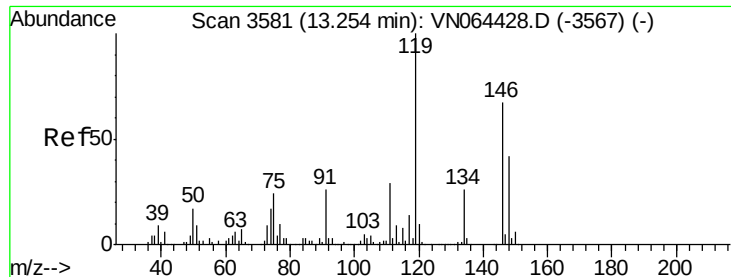
Ion Ratio Lower Upper

119 100

134 23.7 12.6 37.6

91 29.5 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 0.980 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064425.D

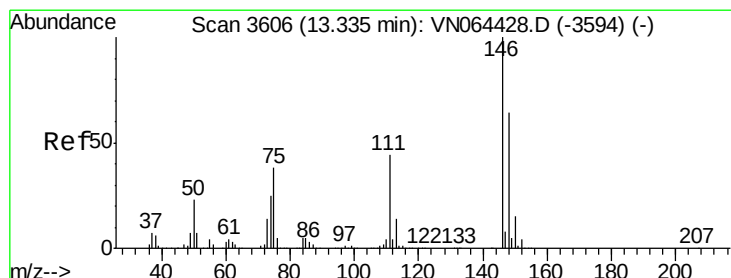
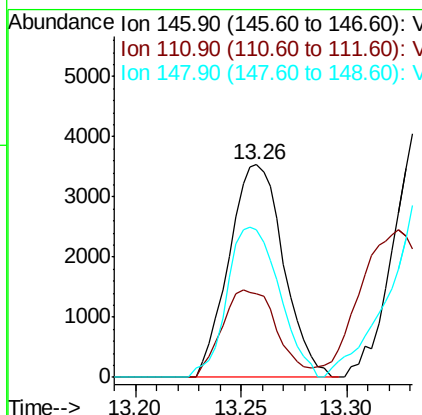
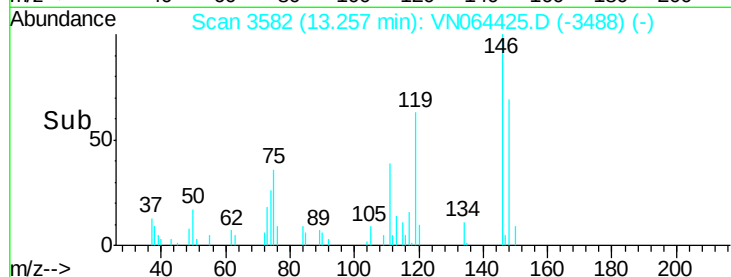
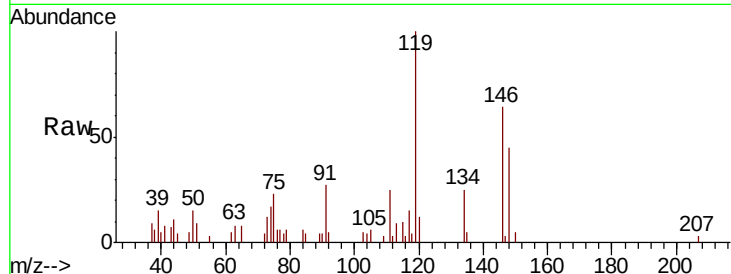
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	22.1	66.1
148	68.0	31.7	95.1

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 1.100 ug/l m

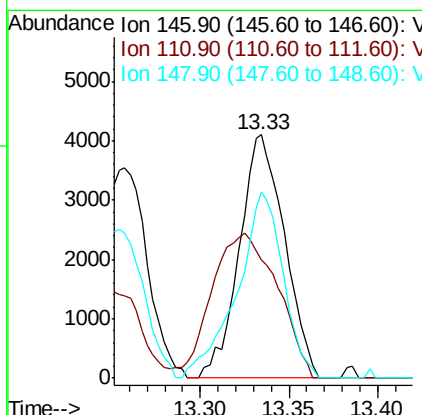
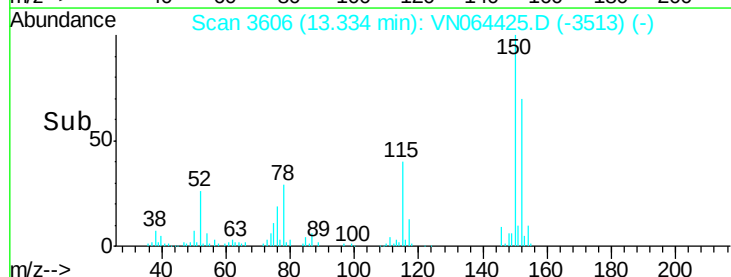
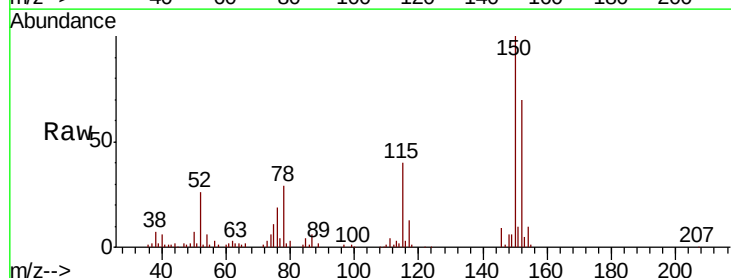
RT: 13.33 min Scan# 3606

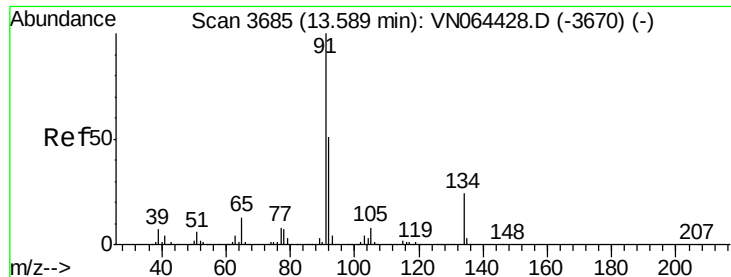
Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	21.8	65.3
148	59.4	32.4	97.2





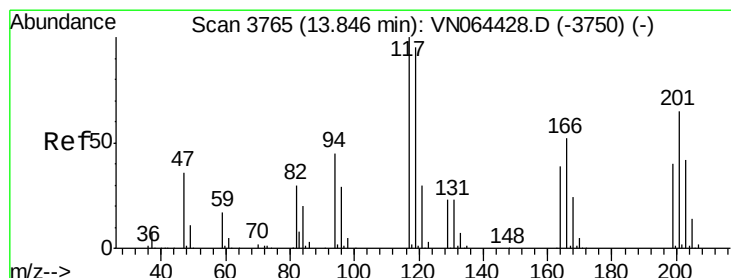
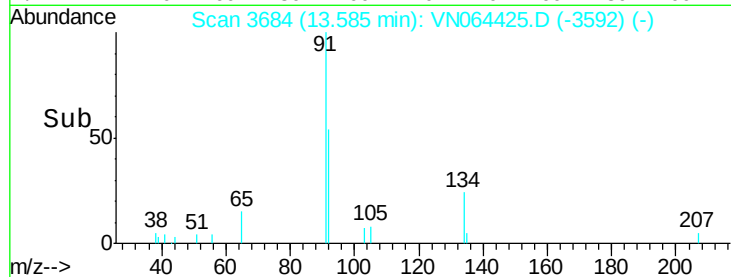
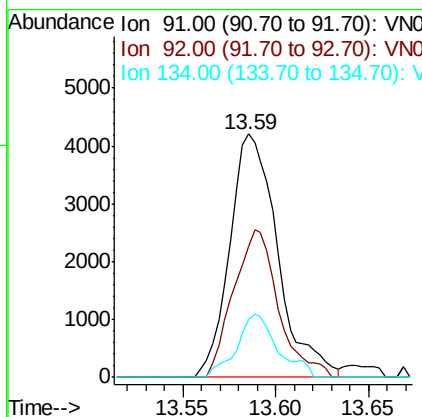
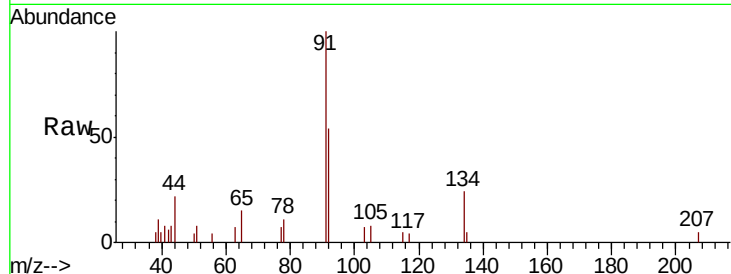
#89
n-Butylbenzene
Concen: 0.707 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.6	25.3	75.9
134	22.1	11.8	35.4

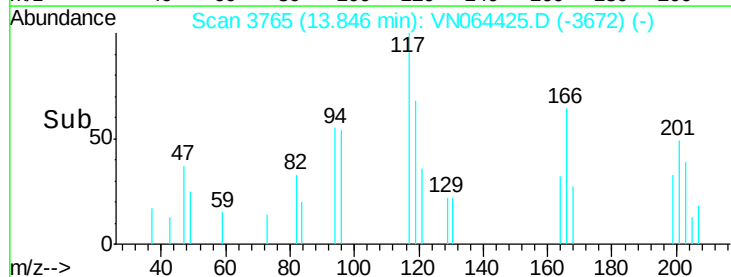
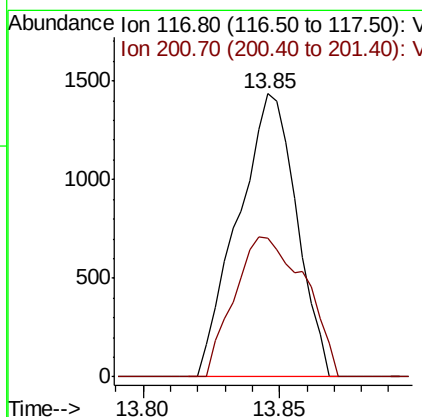
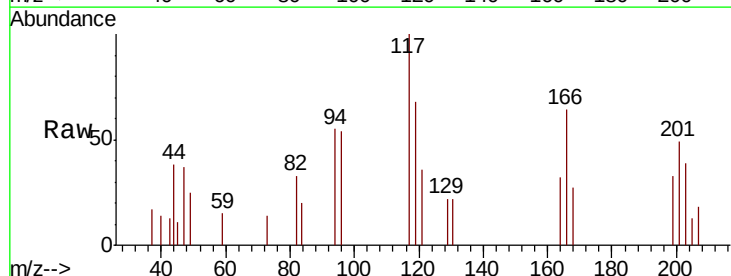
Manual Integrations
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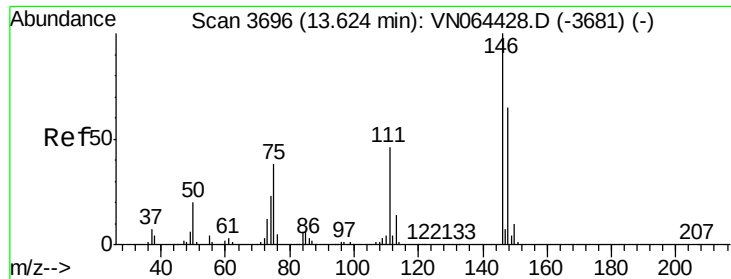
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#90
Hexachloroethane
Concen: 0.944 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	60.0	32.5	97.5





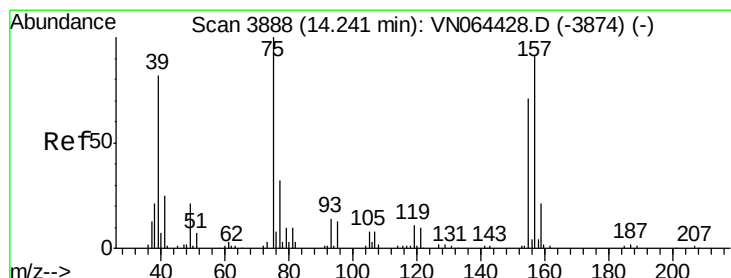
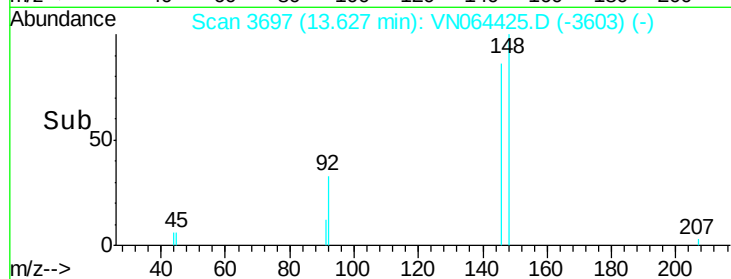
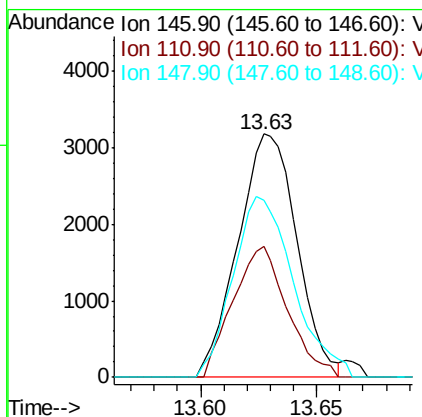
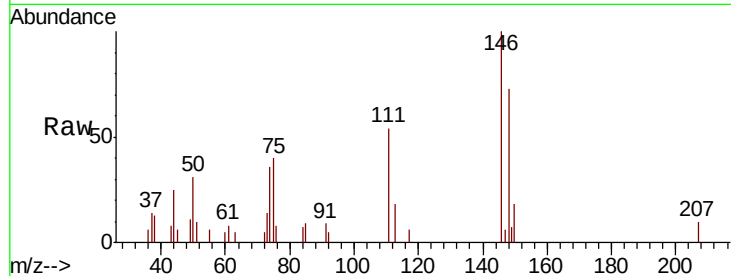
#91
 1,2-Dichlorobenzene
 Concen: 0.875 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.7	22.9	68.7
148	76.1	32.0	96.2

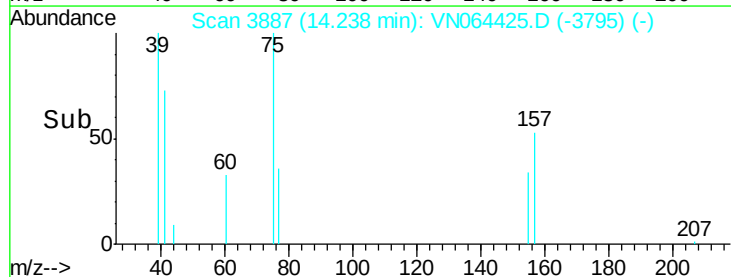
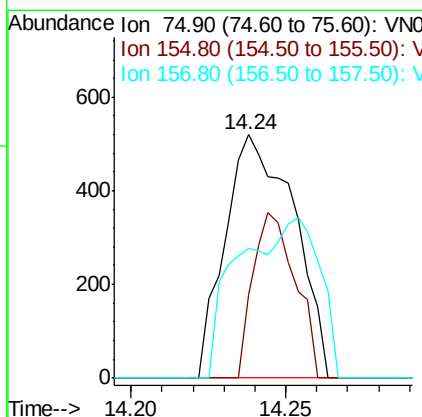
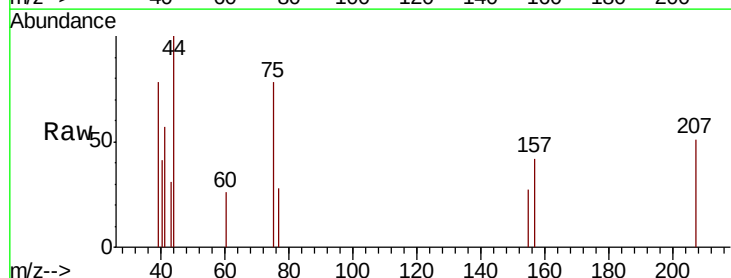
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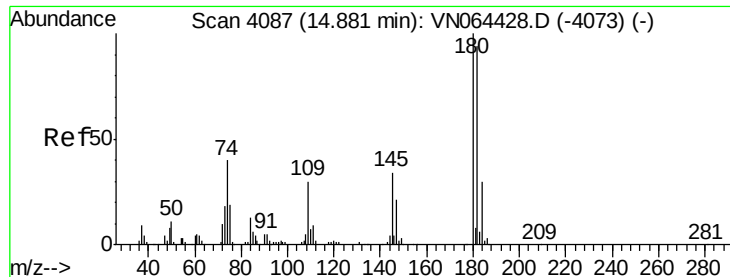
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.756 ug/l
 RT: 14.24 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	42.0	34.6	103.9
157	77.6	43.0	128.8





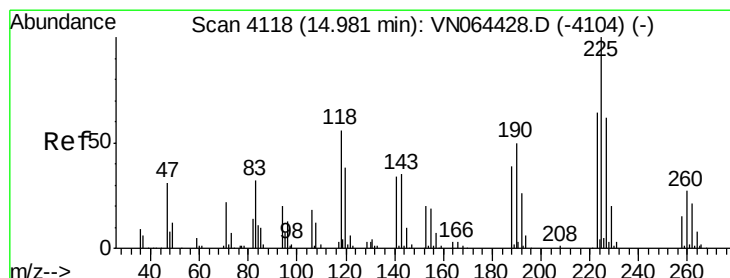
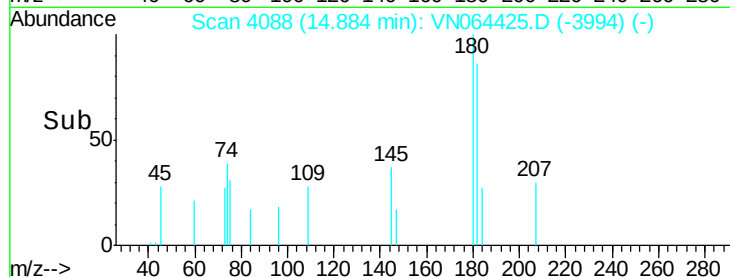
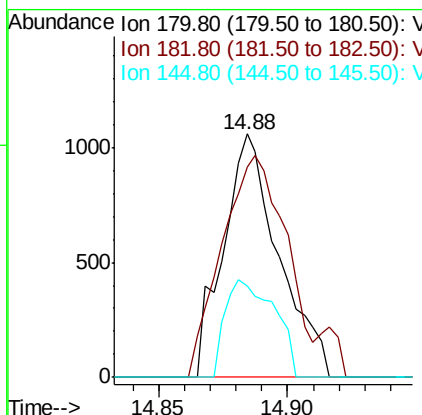
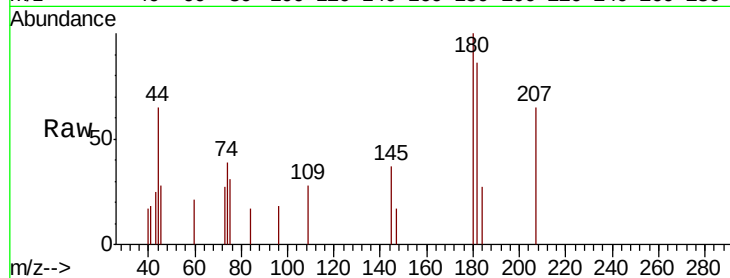
#93
 1,2,4-Trichlorobenzene
 Concen: 0.511 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.1	47.3	142.0
145	35.6	16.7	50.1

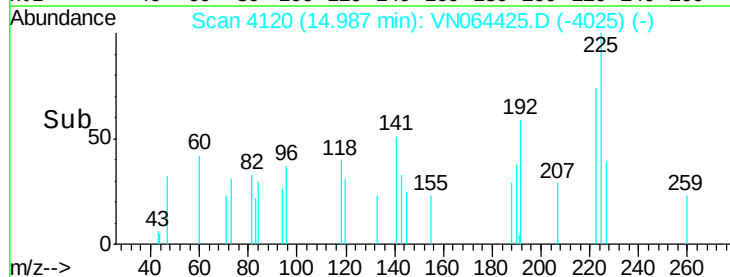
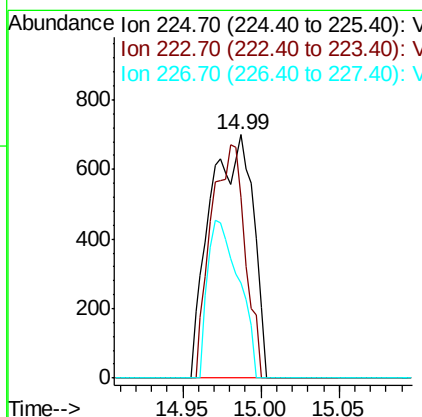
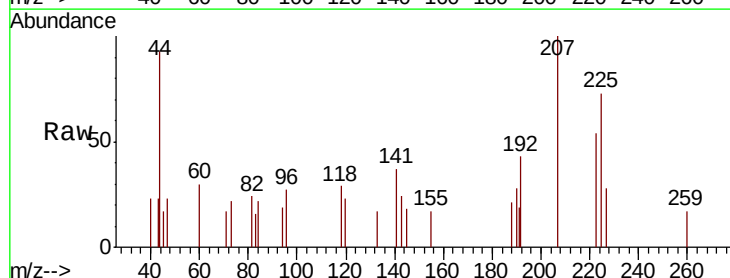
Manual Integrations
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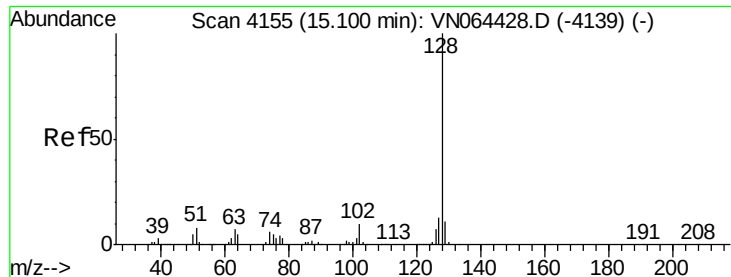
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 11/5/2020 10:59:30 AM



#94
 Hexachlorobutadiene
 Concen: 0.710 ug/l m
 RT: 14.99 min Scan# 4120
 Delta R.T. 0.01 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	75.2	31.8	95.4
227	46.6	31.8	95.4





#95

Naphthalene

Concen: 0.456 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

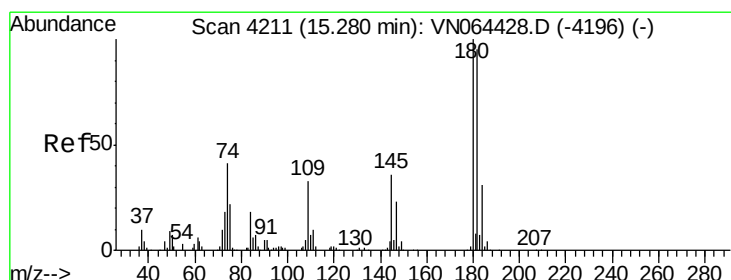
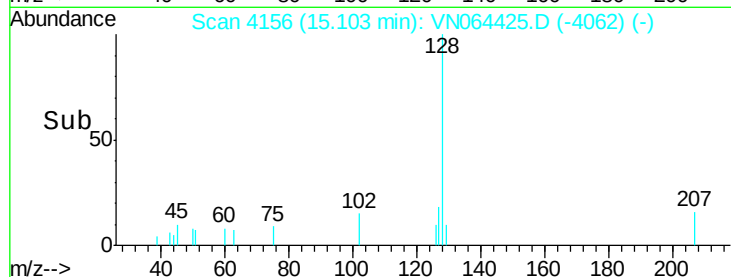
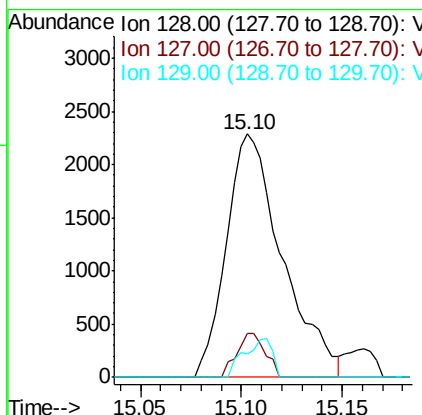
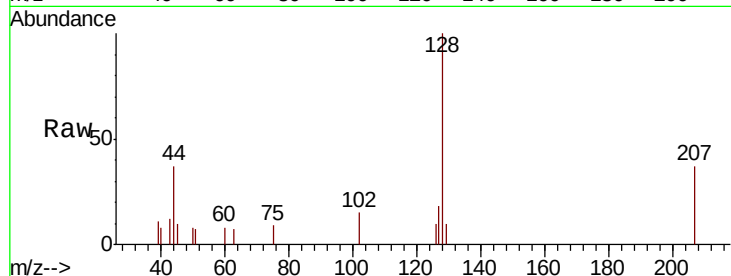
ClientSampled :

VSTDIC001

Tot Ion:	128	Resp:	4424
Ion Ratio	Lower	Upper	
128	100		
127	9.2	10.5	15.7#
129	8.1	8.8	13.2#

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 0.572 ug/l

RT: 15.29 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Tgt Ion:	180	Resp:	1708
Ion Ratio	Lower	Upper	
180	100		
182	87.4	47.7	143.1
145	29.1	18.3	54.8

