

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059425.D
 Acq On : 27 Nov 2019 15:21
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:08:59 AM

Quant Time: Nov 27 16:38:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	363473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	568854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	189349	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	3646	0.852	ug/l	96
3) Chloromethane	2.04	50	5026	0.962	ug/l	93
4) Vinyl Chloride	2.17	62	4691	0.934	ug/l	98
6) Chloroethane	2.69	64	2605	0.925	ug/l #	84
7) Trichlorofluoromethane	3.00	101	5809	0.971	ug/l	95
8) Diethyl Ether	3.38	74	2315m	0.951	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.73	101	3626	0.984	ug/l #	72
12) 1,1-Dichloroethene	3.71	96	3347	0.928	ug/l	94
14) Allyl chloride	4.29	41	6192	0.925	ug/l #	92
15) Acrylonitrile	4.96	53	8167	3.974	ug/l #	55
16) Acetone	3.80	43	9352	4.611	ug/l	93
17) Carbon Disulfide	4.03	76	14694	1.187	ug/l	99
18) Methyl Acetate	4.31	43	5857	1.060	ug/l #	89
19) Methyl tert-butyl Ether	5.02	73	9954	0.856	ug/l #	91
20) Methylene Chloride	4.53	84	3961	0.961	ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	3707	0.943	ug/l	94
22) Diisopropyl ether	5.93	45	10526	0.847	ug/l #	71
23) Vinyl Acetate	5.88	43	41142	4.101	ug/l	96
24) 1,1-Dichloroethane	5.82	63	6312	0.882	ug/l #	84
25) 2-Butanone	6.82	43	11181	4.007	ug/l	97
26) 2,2-Dichloropropane	6.80	77	5670	0.931	ug/l	91
27) cis-1,2-Dichloroethene	6.81	96	3881	0.903	ug/l	96
28) Bromochloromethane	7.18	49	1125	0.455	ug/l #	94
29) Tetrahydrofuran	7.20	42	8002	4.312	ug/l	95
30) Chloroform	7.35	83	8052	1.118	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	5281	0.897	ug/l #	48
36) 1,1-Dichloropropene	7.78	75	4959	0.907	ug/l	97
37) Ethyl Acetate	6.91	43	5248	0.907	ug/l #	86
38) Carbon Tetrachloride	7.75	117	4284	0.830	ug/l	86
39) Methylcyclohexane	9.07	83	5246	0.802	ug/l	98
40) Benzene	8.03	78	14784	0.910	ug/l	100
41) Methacrylonitrile	7.16	41	2292	0.839	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	4564	0.886	ug/l	92
43) Isopropyl Acetate	8.15	43	7073	0.804	ug/l #	91

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	3862	0.933	ug/l	98
45) 1,2-Dichloropropane	9.10	63	3686	0.868	ug/l	94
46) Dibromomethane	9.20	93	2248	0.857	ug/l	95
47) Bromodichloromethane	9.39	83	4798	0.905	ug/l	96
48) Methyl methacrylate	9.19	41	3308	0.848	ug/l	90
49) 1,4-Dioxane	9.20	88	942	16.534	ug/l #	81
51) 4-Methyl-2-Pentanone	9.98	43	20455	4.011	ug/l	99
52) Toluene	10.15	92	8559	0.882	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	5097	0.837	ug/l #	77
54) cis-1,3-Dichloropropene	9.83	75	5163	0.785	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	3443	0.907	ug/l	91
56) Ethyl methacrylate	10.42	69	3820	0.690	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	5670	0.864	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	5242	3.221	ug/l	97
59) 2-Hexanone	10.75	43	14127	3.736	ug/l	99
60) Dibromochloromethane	10.90	129	2961	0.747	ug/l	88
61) 1,2-Dibromoethane	11.00	107	3220	0.827	ug/l	93
64) Tetrachloroethene	10.63	164	3666	1.019	ug/l	98
65) Chlorobenzene	11.43	112	9628	0.978	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	3154	0.883	ug/l #	60
67) Ethyl Benzene	11.51	91	15355	0.888	ug/l	100
68) m/p-Xylenes	11.62	106	11119	1.722	ug/l	98
69) o-Xylene	11.95	106	5348	0.864	ug/l	99
70) Styrene	11.97	104	7329	0.755	ug/l	98
71) Bromoform	12.12	173	2028	0.746	ug/l #	99
73) Isopropylbenzene	12.25	105	13758	0.981	ug/l	99
74) N-amyl acetate	12.07	43	3877	0.735	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	4593	1.004	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	4657m	1.065	ug/l	
77) Bromobenzene	12.53	156	3351	0.976	ug/l	88
78) n-propylbenzene	12.59	91	15823	0.979	ug/l	100
79) 2-Chlorotoluene	12.68	91	9591	0.992	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	11127	0.944	ug/l	96
82) 4-Chlorotoluene	12.78	91	9894	0.994	ug/l	99
83) tert-Butylbenzene	12.99	119	9804	0.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	10640	0.921	ug/l	99
85) sec-Butylbenzene	13.17	105	12452	0.926	ug/l	99
86) p-Isopropyltoluene	13.29	119	11795	0.970	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	6057	0.995	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	6464m	1.058	ug/l	
89) n-Butylbenzene	13.62	91	10078	0.948	ug/l	96
90) Hexachloroethane	13.88	117	2390	1.029	ug/l	80
91) 1,2-Dichlorobenzene	13.66	146	6414	1.076	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1531	1.474	ug/l	55
93) 1,2,4-Trichlorobenzene	14.91	180	4382	1.182	ug/l	98
94) Hexachlorobutadiene	15.01	225	2838	1.249	ug/l	96
95) Naphthalene	15.13	128	15701	1.499	ug/l	96
96) 1,2,3-Trichlorobenzene	15.30	180	5649	1.431	ug/l	91

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MSVOA_N
ClientSampleId :
VSTDICC001

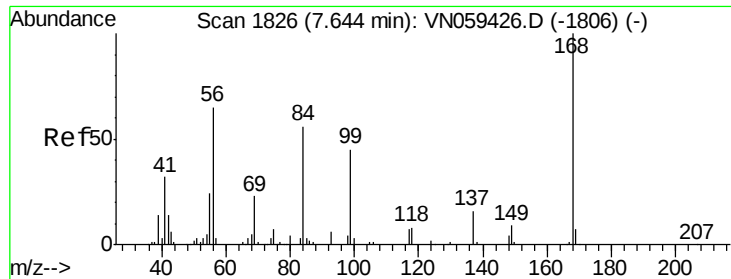
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 363473

Ion Ratio Lower Upper

168 100

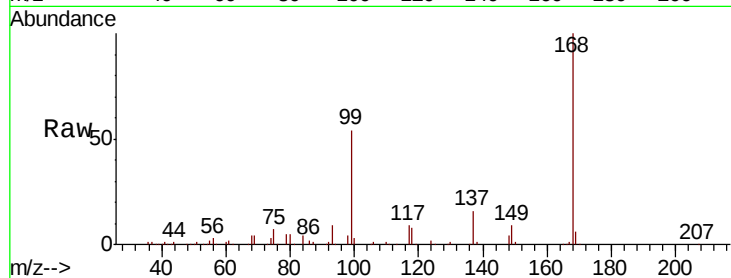
99 54.5 43.0 64.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

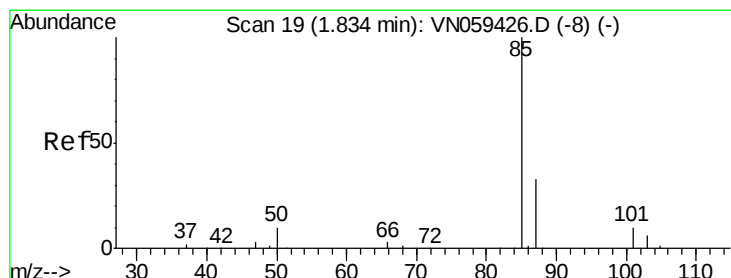
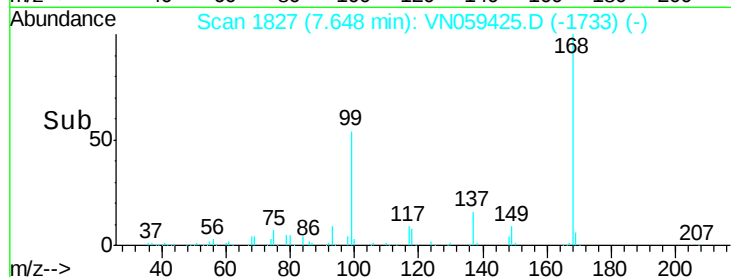
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.852 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN059425.D

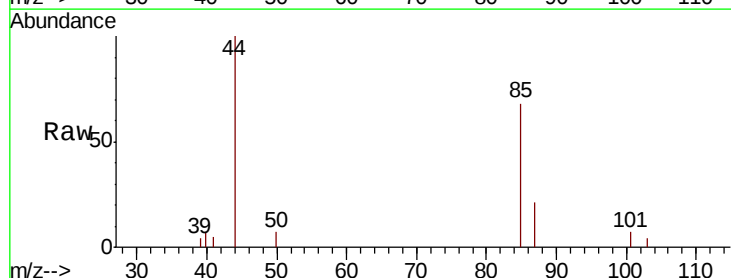
Acq: 27 Nov 2019 15:21

Tgt Ion: 85 Resp: 3646

Ion Ratio Lower Upper

85 100

87 30.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

3000

2500

2000

1500

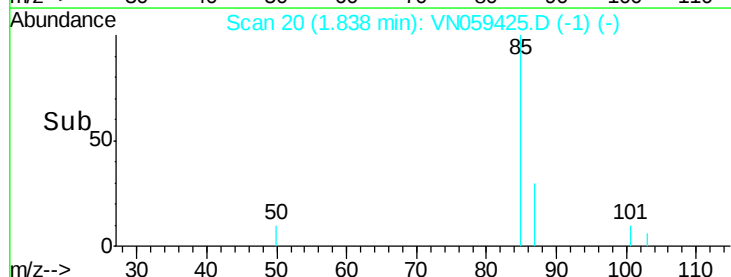
1000

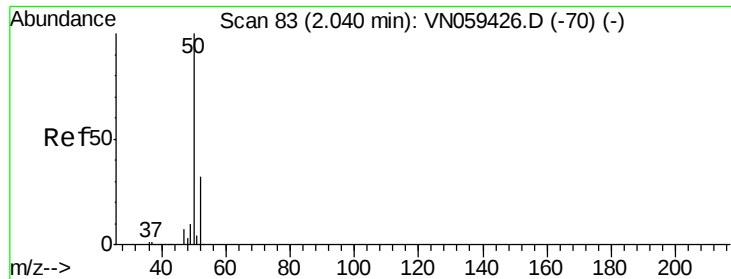
500

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 0.962 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 50 Resp: 5026

Ion Ratio Lower Upper

50 100

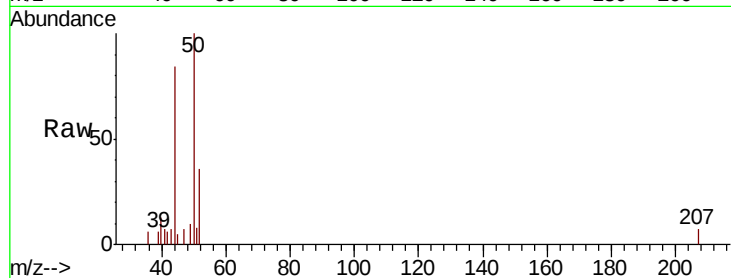
52 36.0 25.8 38.6

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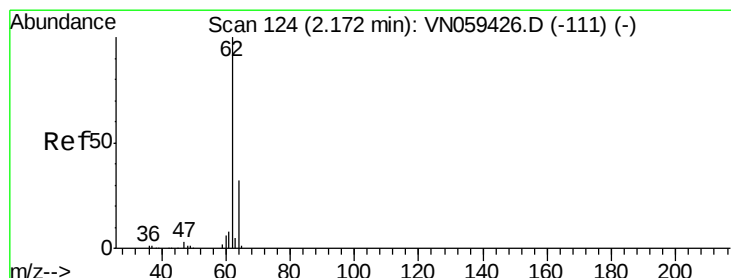
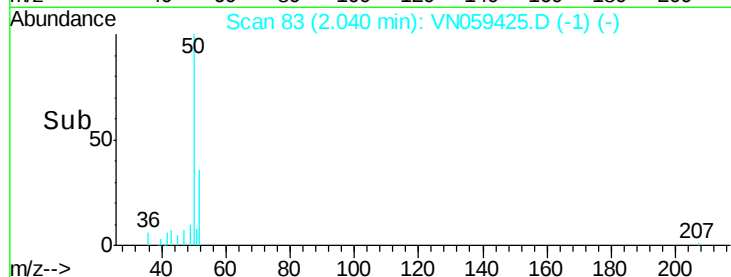
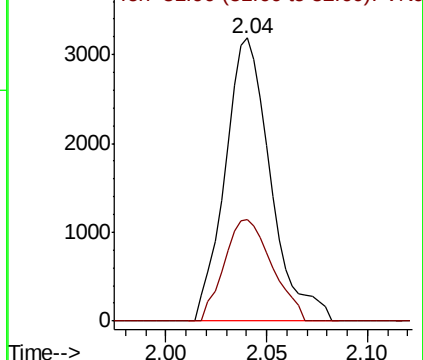
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 0.934 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN059425.D

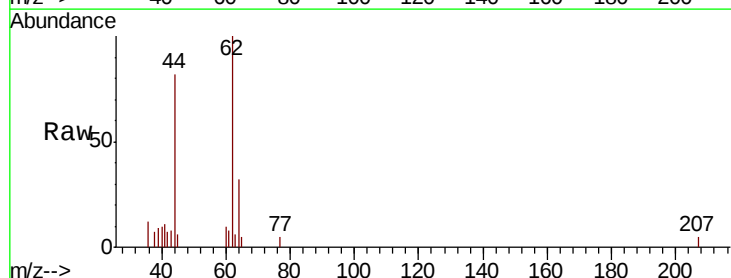
Acq: 27 Nov 2019 15:21

Tgt Ion: 62 Resp: 4691

Ion Ratio Lower Upper

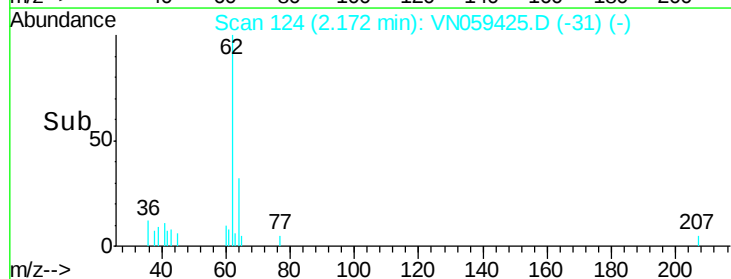
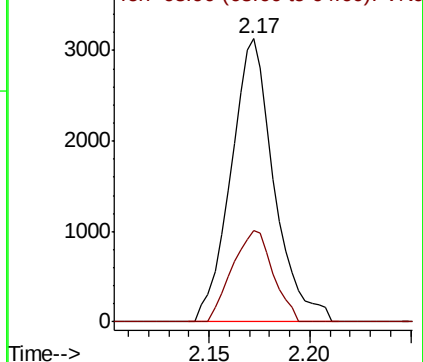
62 100

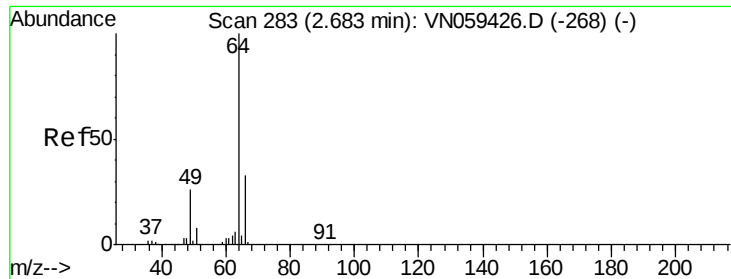
64 32.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 0.925 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 64 Resp: 2605

Ion Ratio Lower Upper

64 100

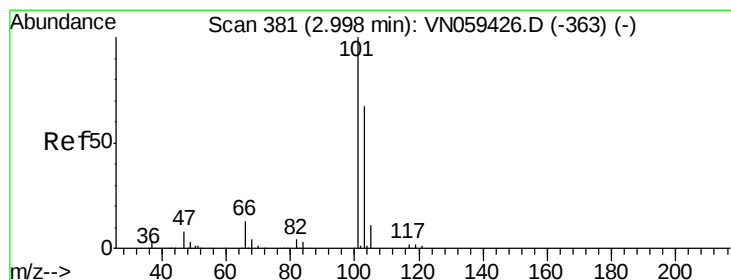
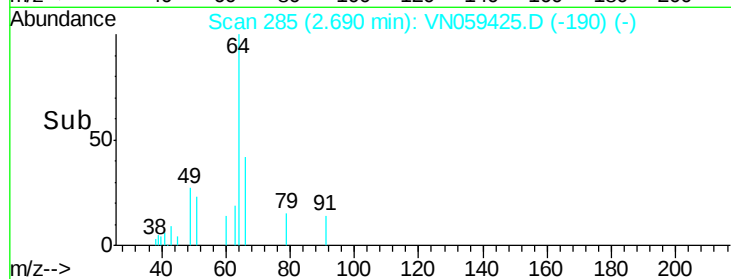
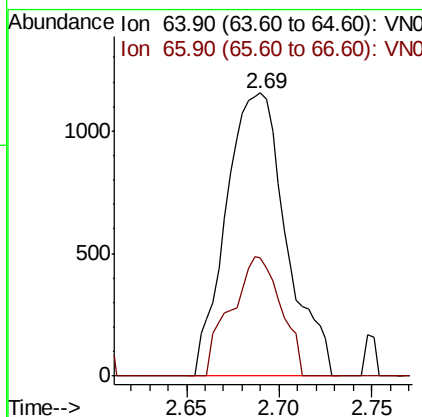
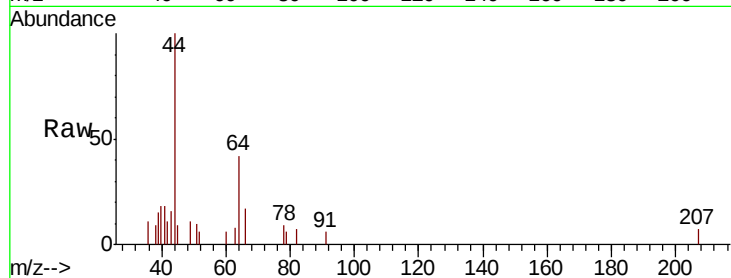
66 41.9 26.5 39.7#

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 0.971 ug/l

RT: 3.00 min Scan# 382

Delta R.T. 0.00 min

Lab File: VN059425.D

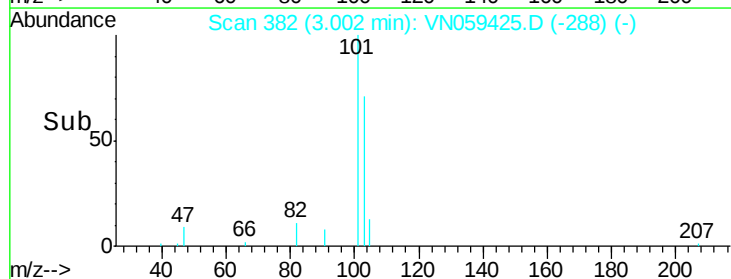
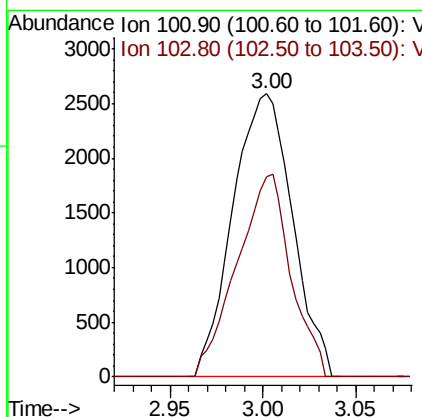
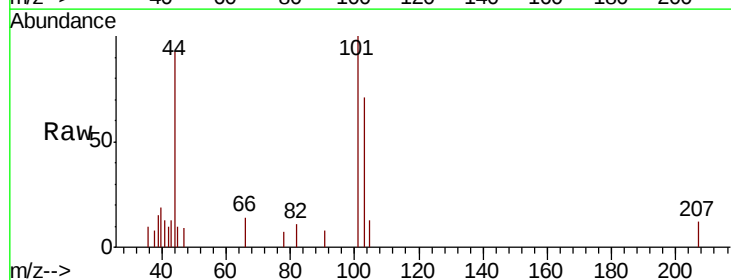
Acq: 27 Nov 2019 15:21

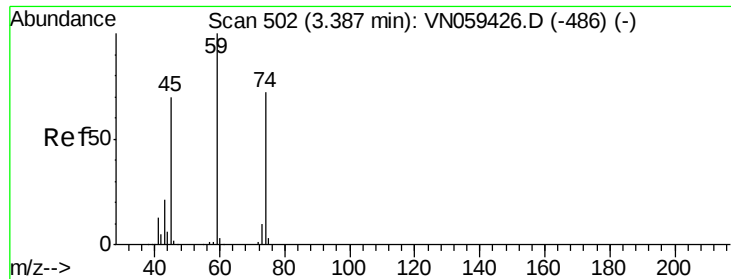
Tgt Ion: 101 Resp: 5809

Ion Ratio Lower Upper

101 100

103 70.7 53.6 80.4





#8

Diethyl Ether

Concen: 0.951 ug/l m

RT: 3.38 min Scan# 501

Delta R.T. -0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2315

Ion Ratio Lower Upper

74 100

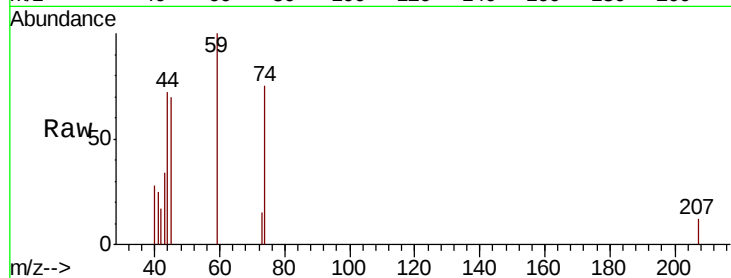
45 87.2 49.7 149.1

Manual Integrations

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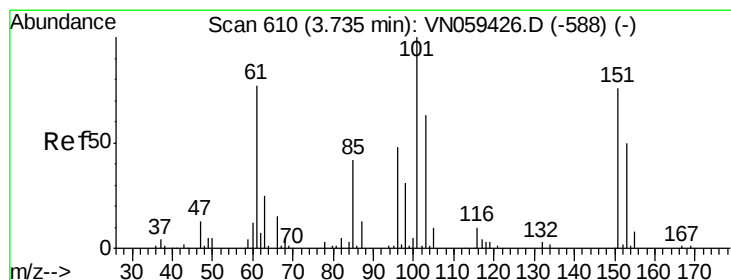
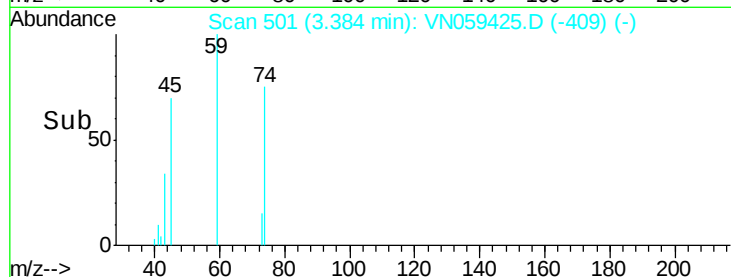
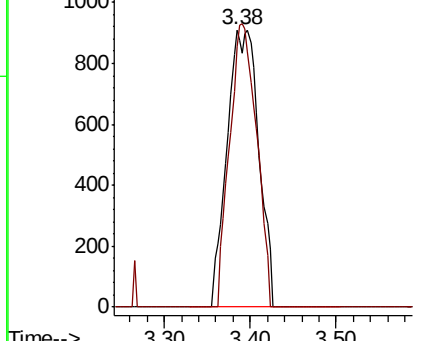
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Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.984 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

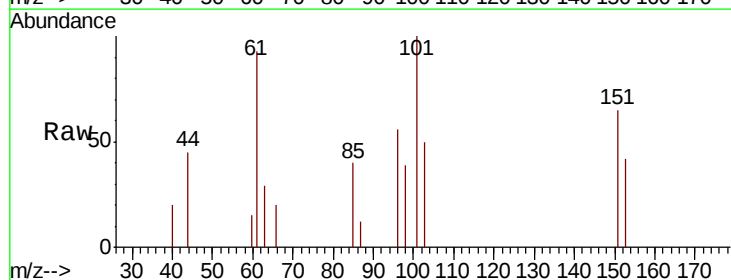
Tgt Ion: 101 Resp: 3626

Ion Ratio Lower Upper

101 100

85 40.0 34.2 51.2

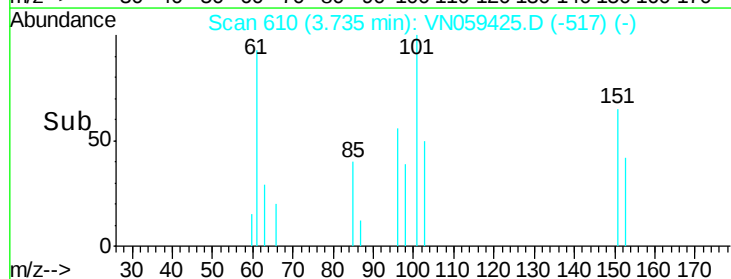
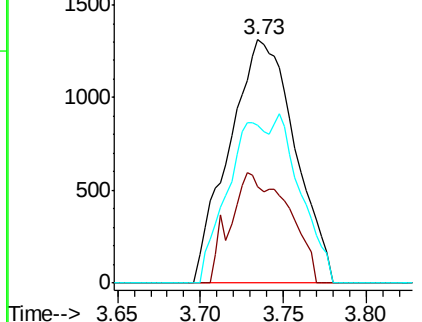
151 41.9 62.6 93.8#

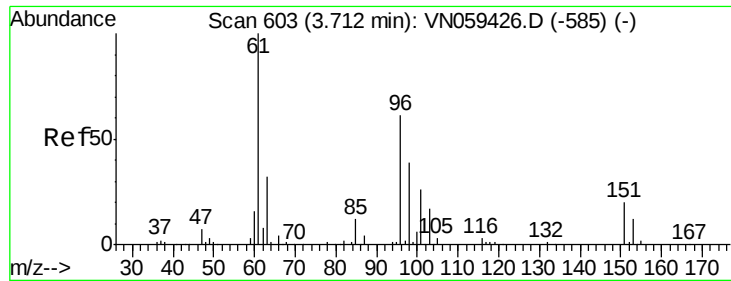


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





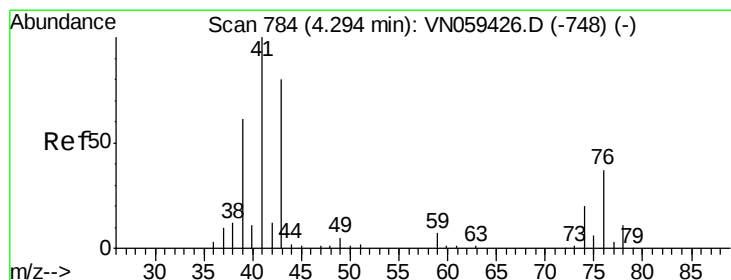
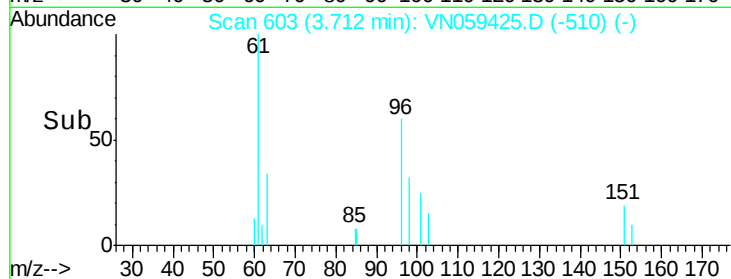
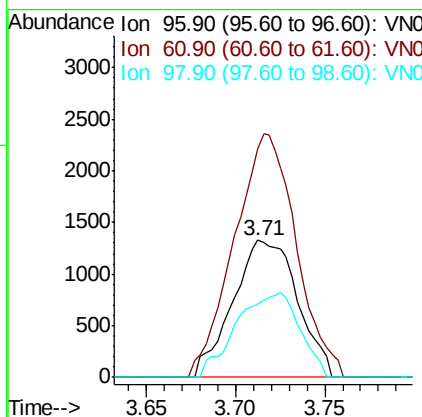
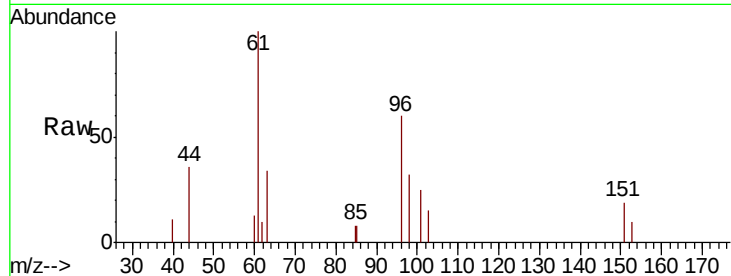
#12
1,1-Dichloroethene
Concen: 0.928 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.1	130.5	195.7
98	53.4	51.3	76.9

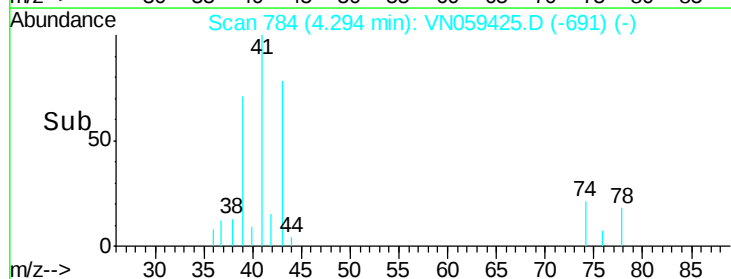
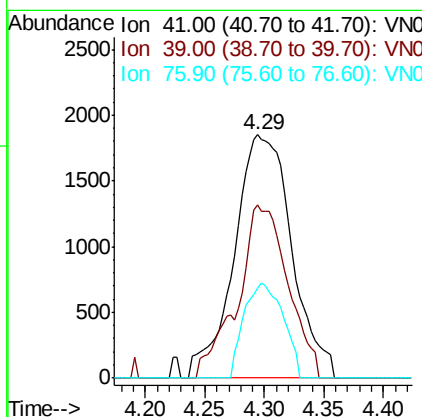
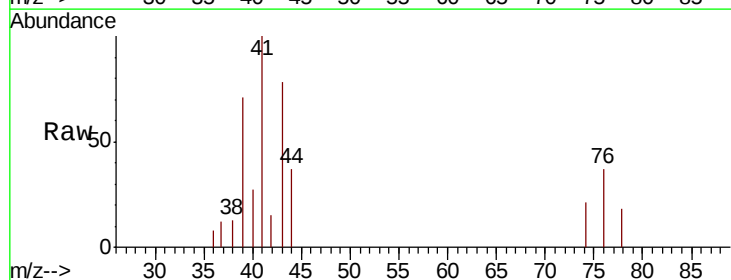
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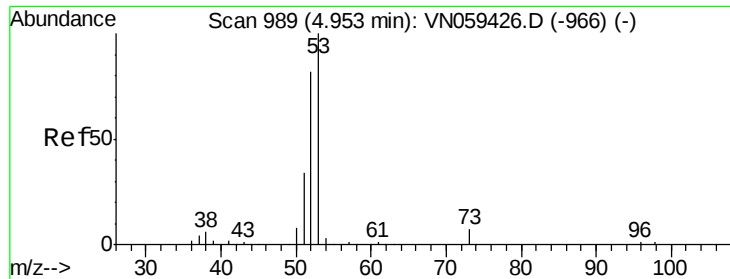
apatel
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#14
Allyl chloride
Concen: 0.925 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.5	46.5	69.7
76	26.6	26.8	40.2#





#15

Acrylonitrile

Concen: 3.974 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.01 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

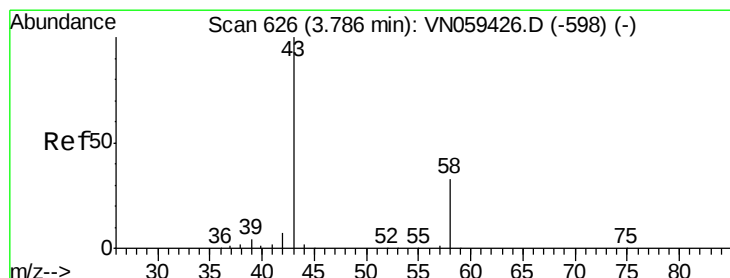
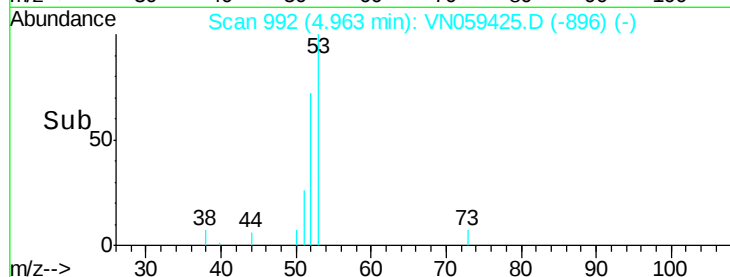
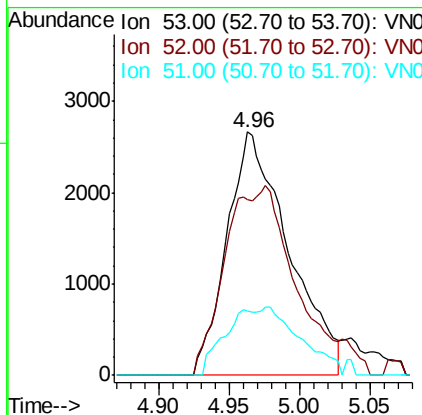
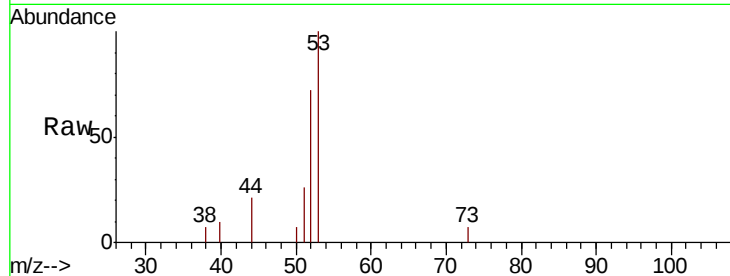
ClientSampled :

VSTDIC001

Tot Ion:	53	Resp:	8167
Ion	Ratio	Lower	Upper
53	100		
52	37.2	65.1	97.7#
51	14.6	27.8	41.8#

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#16

Acetone

Concen: 4.611 ug/l

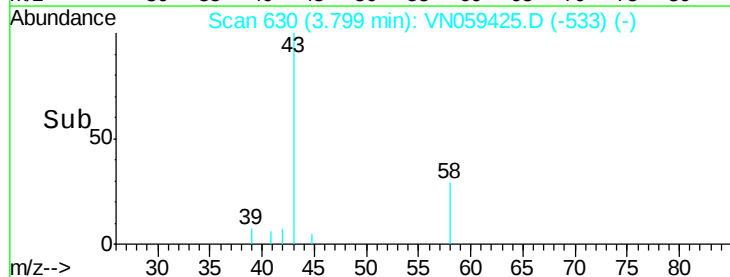
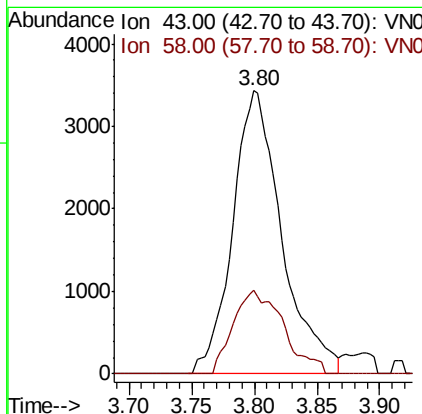
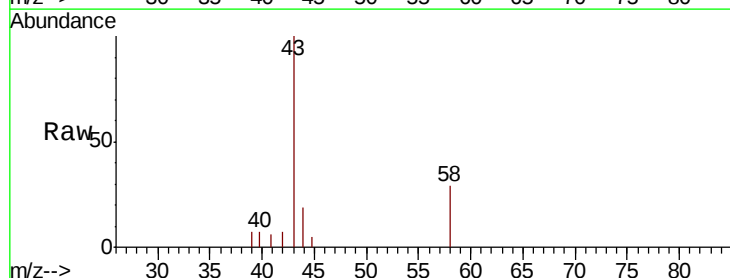
RT: 3.80 min Scan# 630

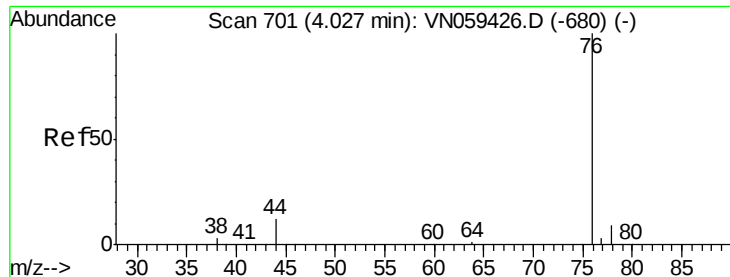
Delta R.T. 0.01 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Tgt Ion:	43	Resp:	9352
Ion	Ratio	Lower	Upper
43	100		
58	29.4	26.6	39.8





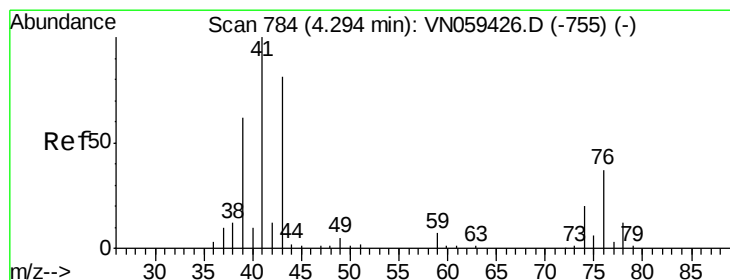
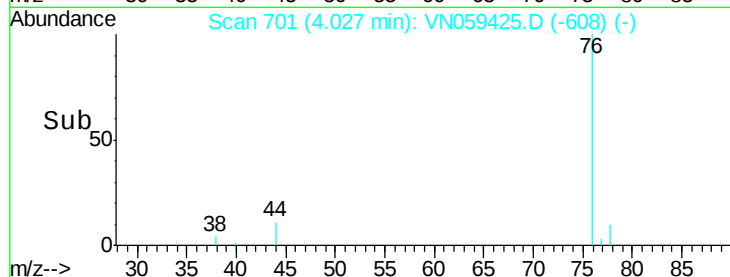
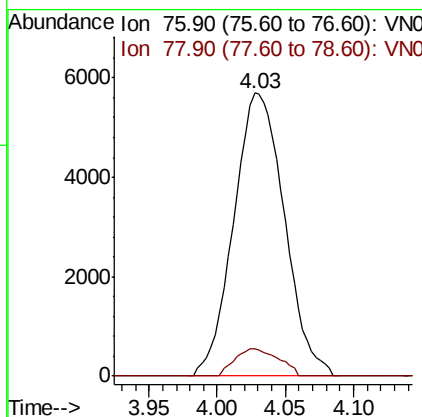
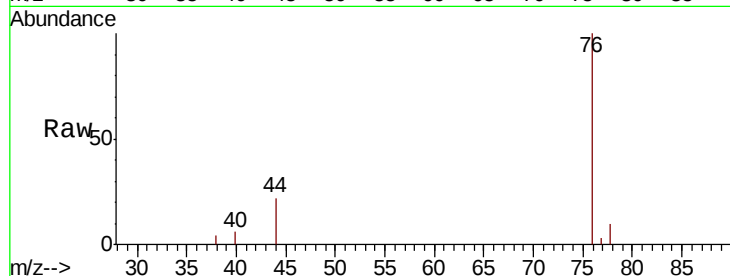
#17
Carbon Disulfide
Concen: 1.187 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 14694
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

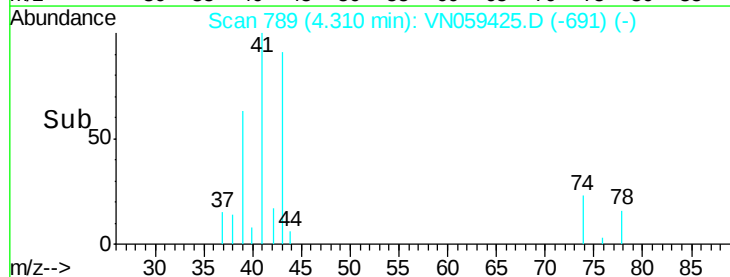
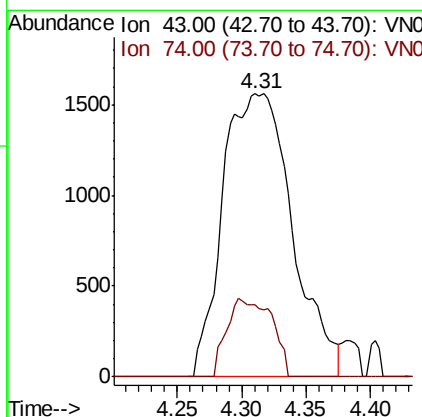
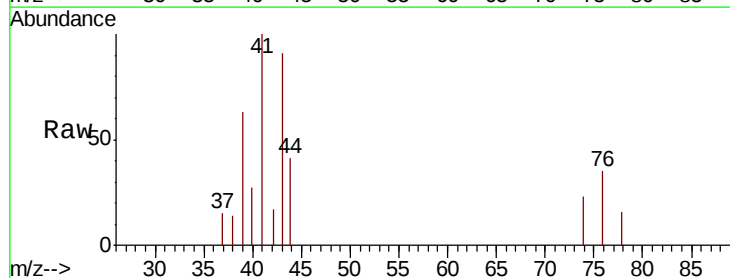
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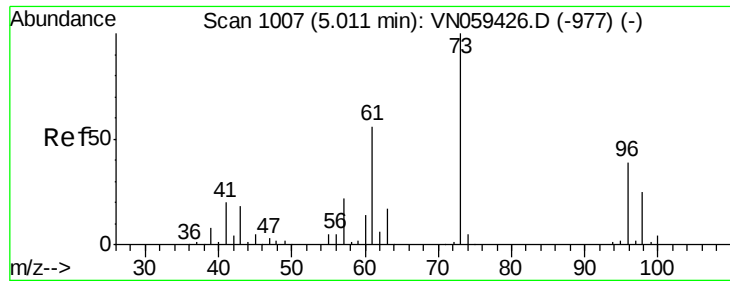
apatel
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#18
Methyl Acetate
Concen: 1.060 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.02 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion: 43 Resp: 5857
Ion Ratio Lower Upper
43 100
74 17.9 18.6 28.0#





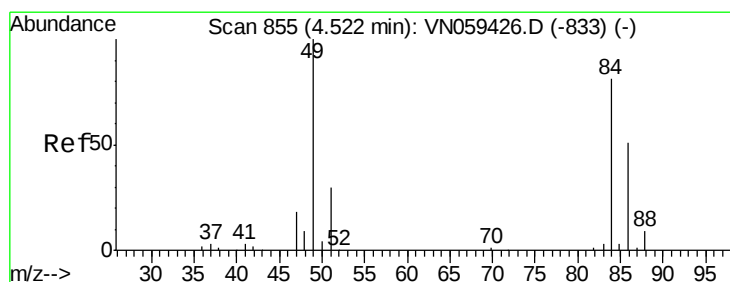
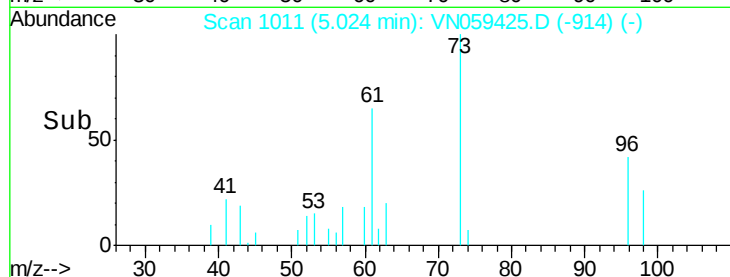
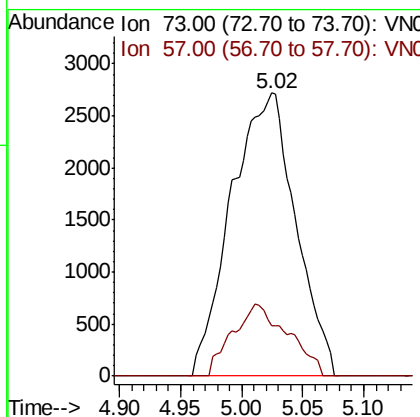
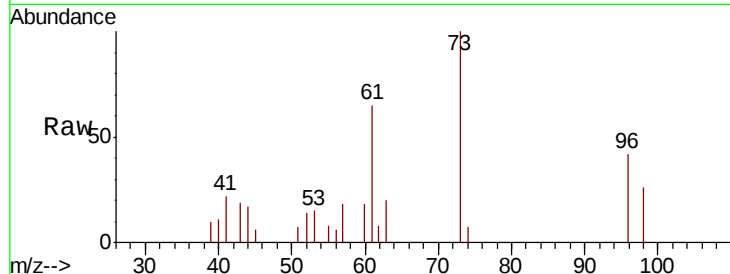
#19
Methvl tert-butvl Ether
Concen: 0.856 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 9954
Ion Ratio Lower Upper
73 100
57 17.6 17.7 26.5#

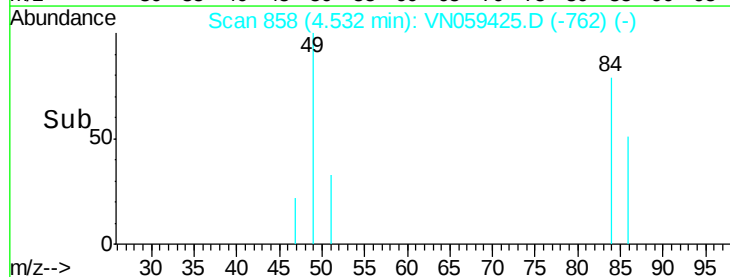
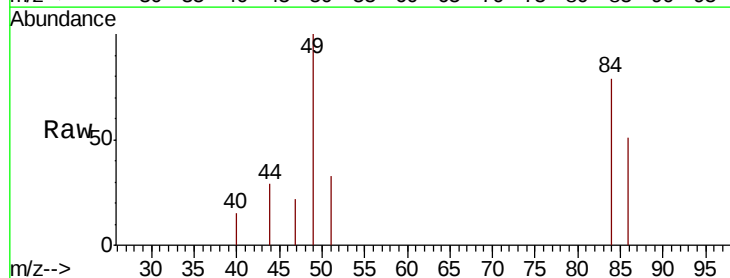
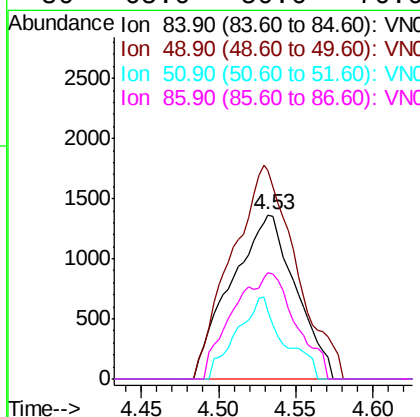
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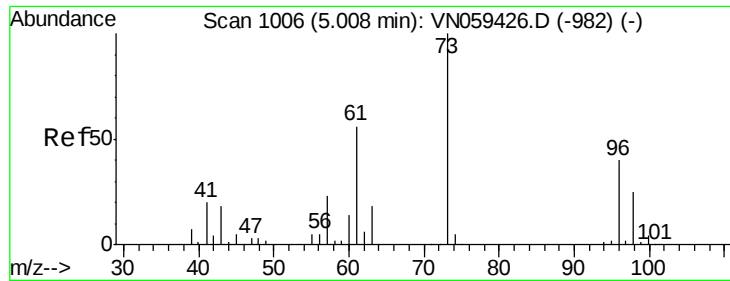
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#20
Methylene Chloride
Concen: 0.961 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion: 84 Resp: 3961
Ion Ratio Lower Upper
84 100
49 127.0 98.6 148.0
51 41.6 29.4 44.0
86 65.0 50.6 76.0





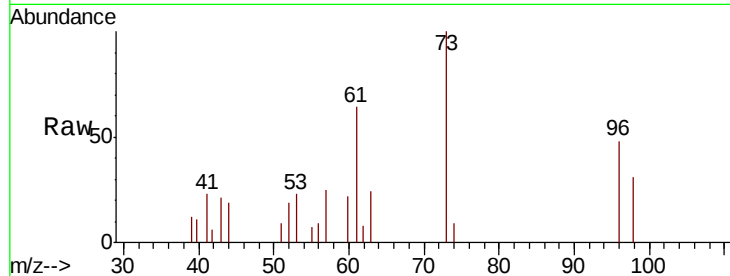
#21
trans-1,2-Dichloroethene
Concen: 0.943 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.9	114.0	171.0
98	64.8	50.5	75.7

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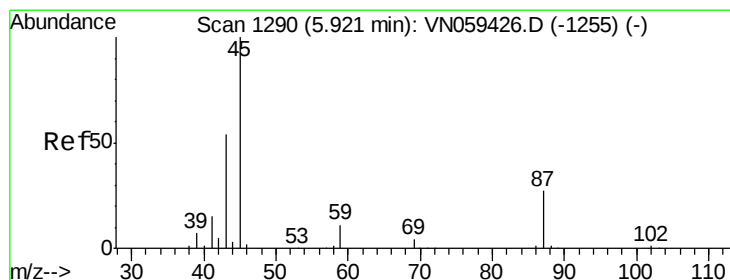
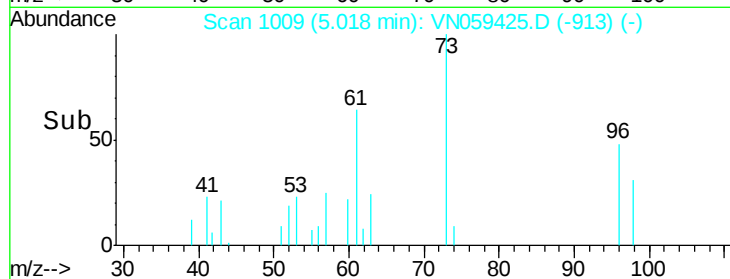
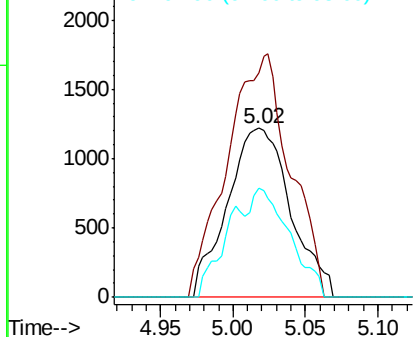


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22
Diisopropyl ether
Concen: 0.847 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. 0.01 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	90.2	46.3	69.5#
87	21.7	21.8	32.6#
59	11.4	9.0	13.4

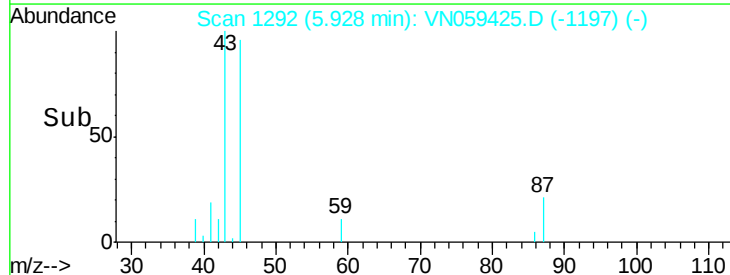
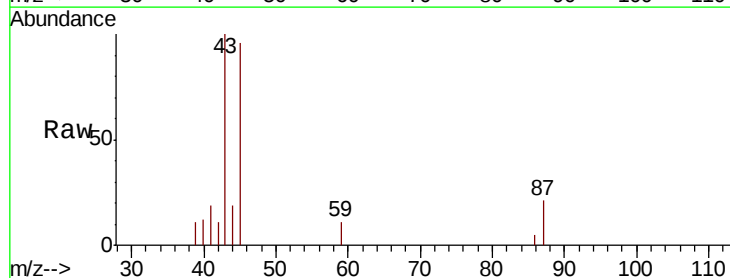
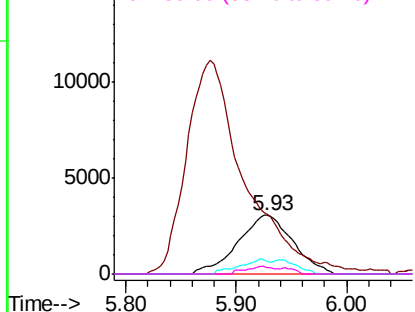
Abundance

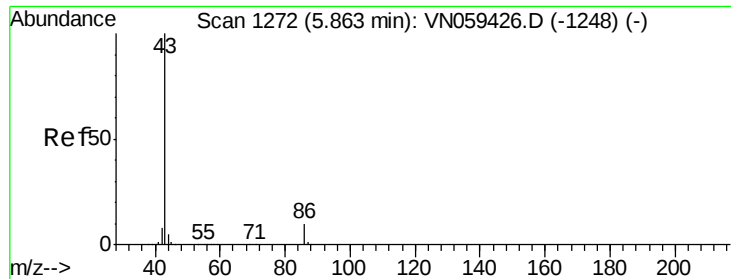
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





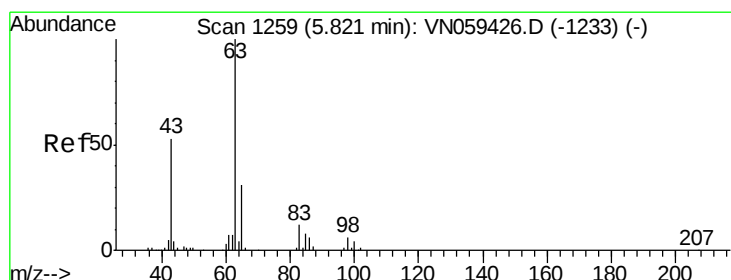
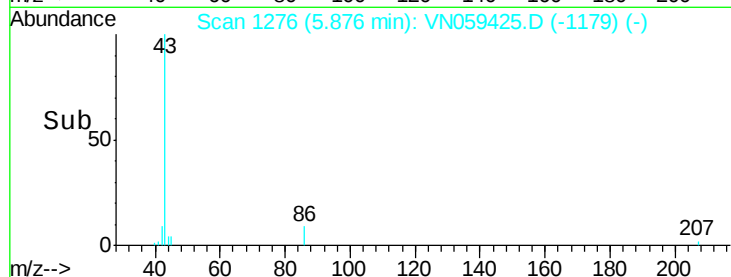
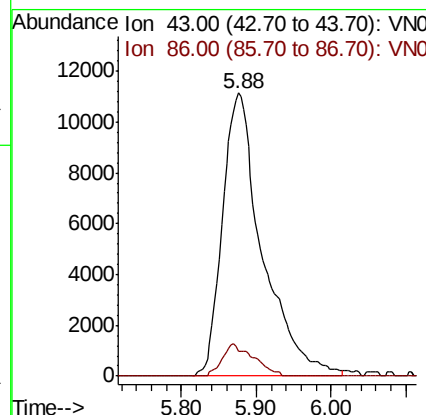
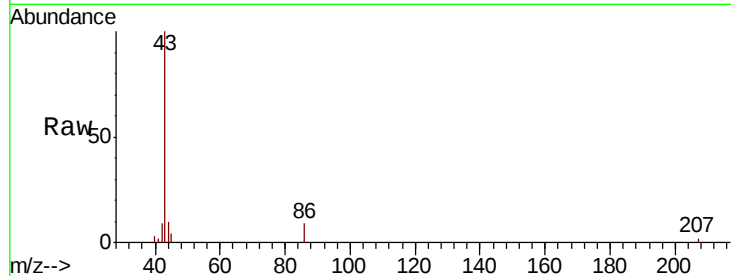
#23
 Vinyl Acetate
 Concen: 4.101 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
86	8.9	8.2	12.4

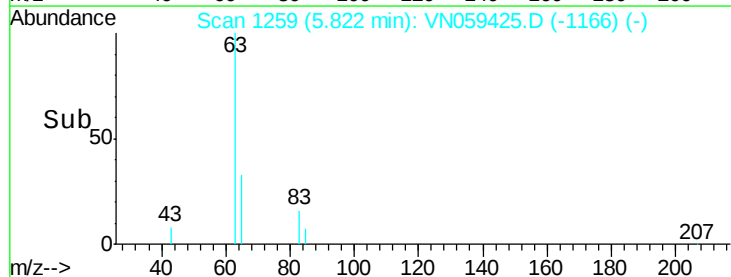
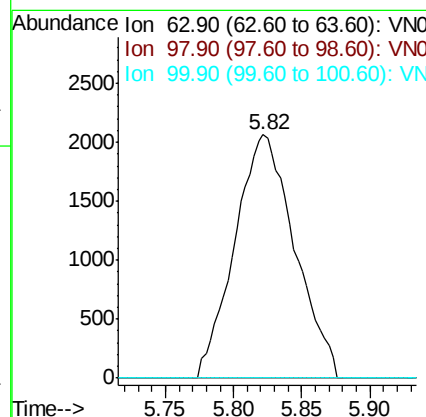
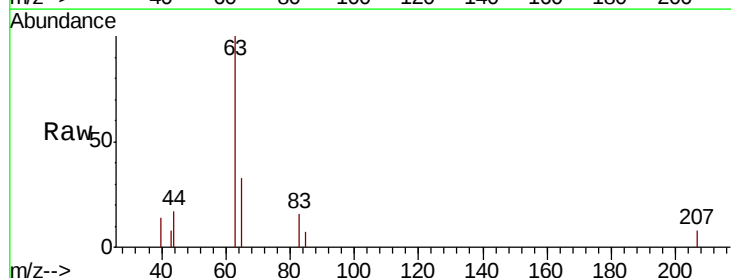
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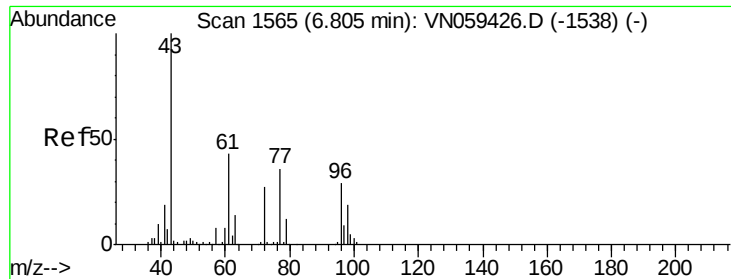
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#24
 1,1-Dichloroethane
 Concen: 0.882 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.2	9.6#
100	0.0	2.1	6.3#





#25

2-Butanone

Concen: 4.007 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.02 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 11181

Ion Ratio Lower Upper

43 100

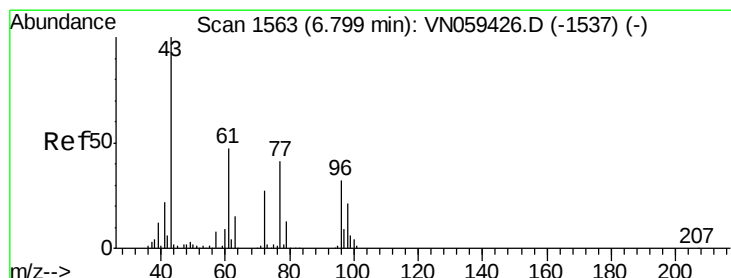
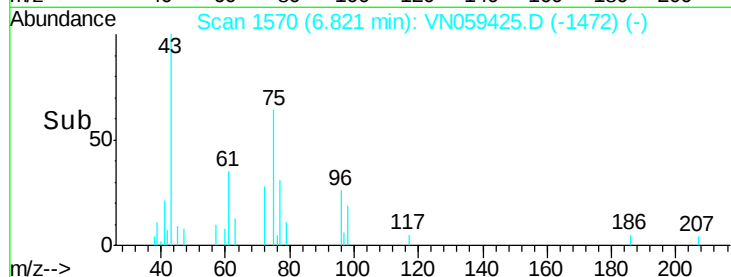
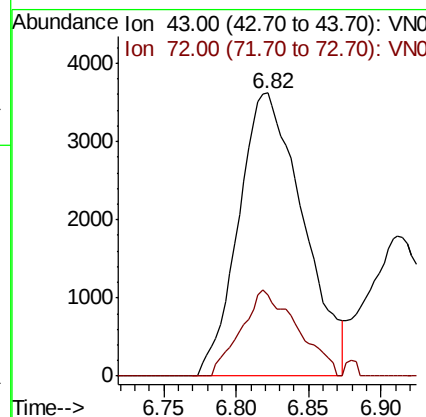
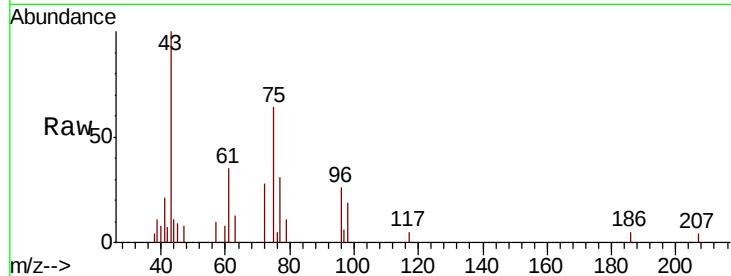
72 28.5 21.4 32.2

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#26

2,2-Dichloropropane

Concen: 0.931 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059425.D

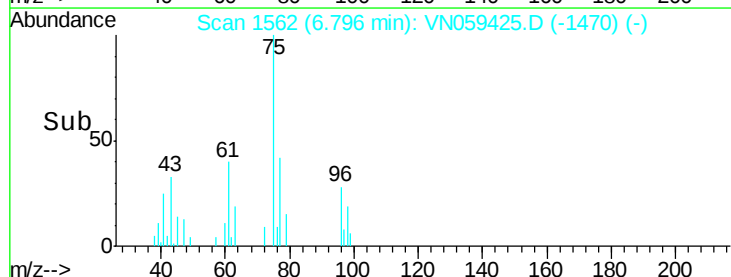
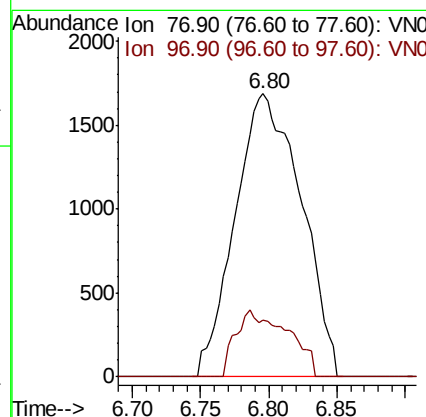
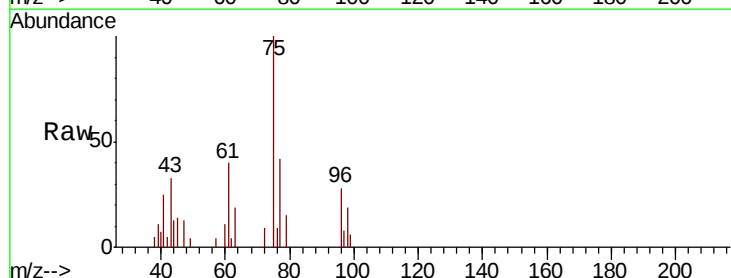
Acq: 27 Nov 2019 15:21

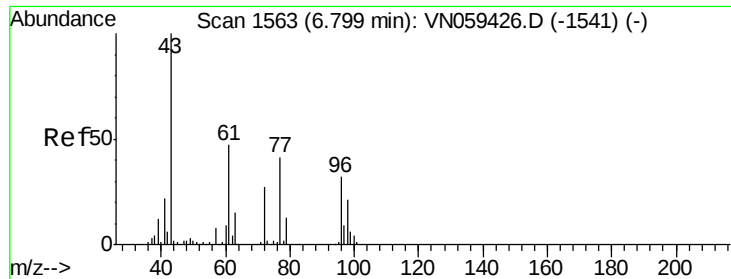
Tgt Ion: 77 Resp: 5670

Ion Ratio Lower Upper

77 100

97 18.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 0.903 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

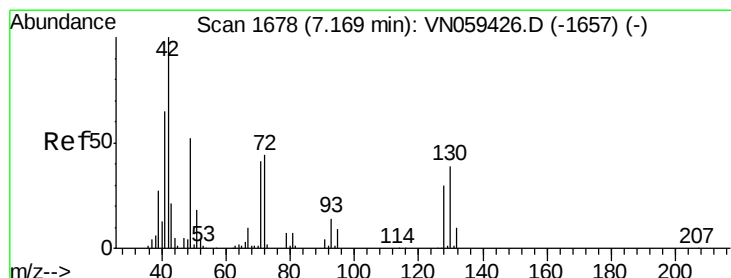
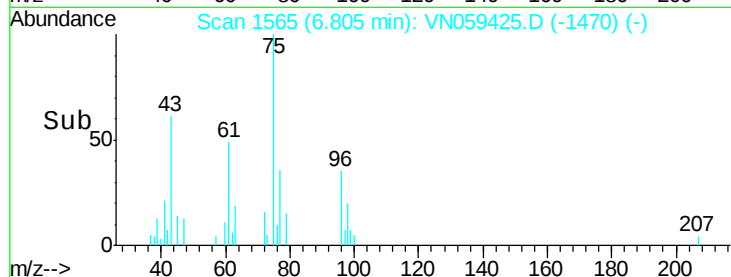
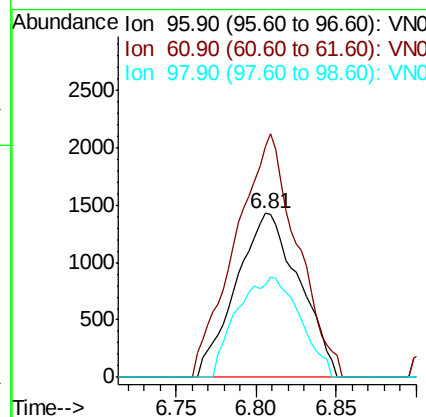
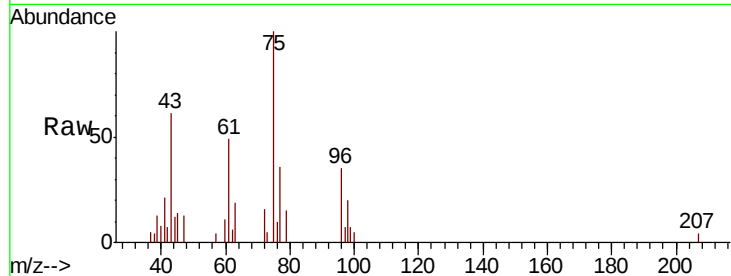
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3881
Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	297.6
98	60.6	0.0	130.8

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#28

Bromochloromethane

Concen: 0.455 ug/l

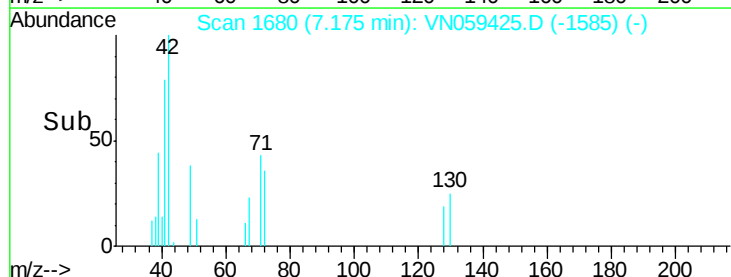
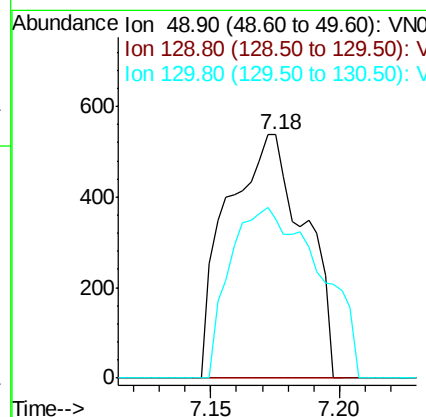
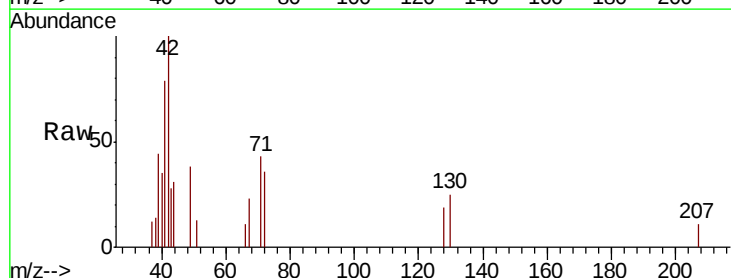
RT: 7.18 min Scan# 1680

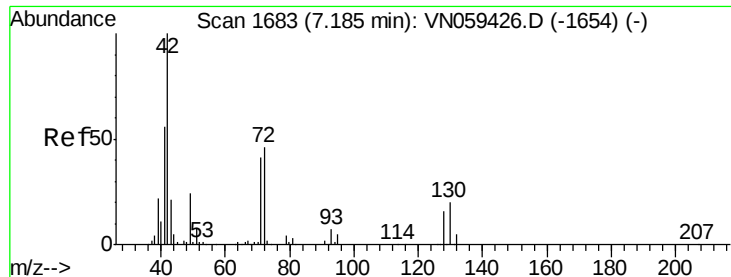
Delta R.T. 0.01 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Tgt Ion:	49	Resp:	1125
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	80.9	60.5	90.7





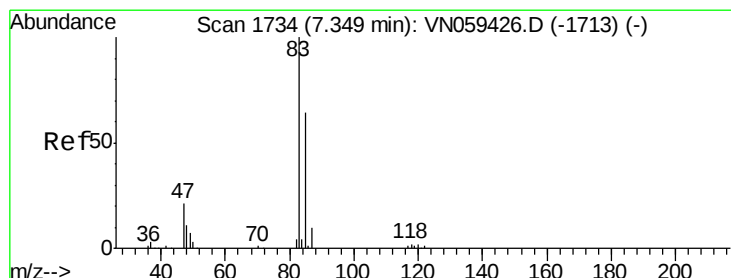
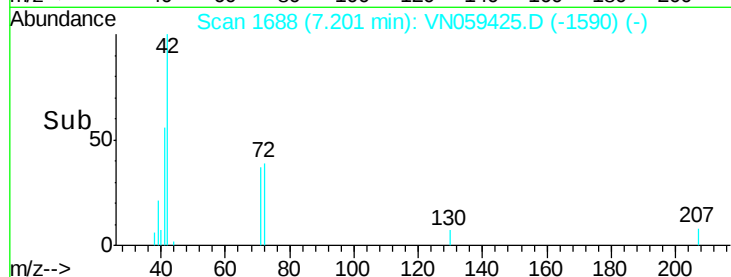
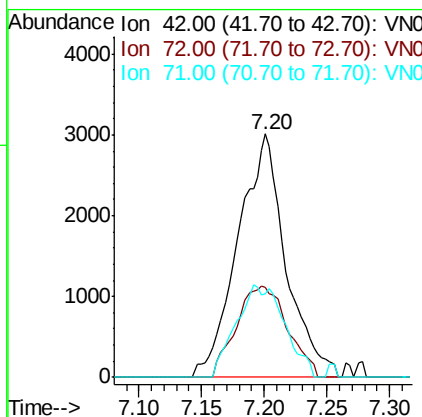
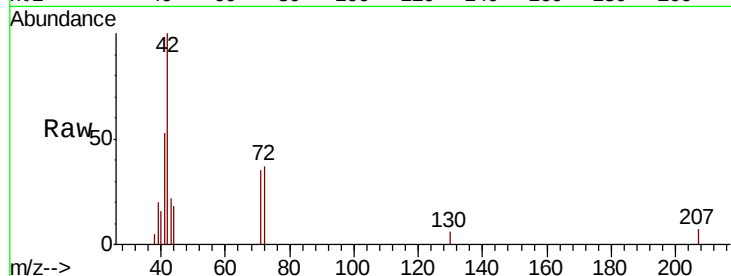
#29
Tetrahydrofuran
Concen: 4.312 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.02 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	34.6	51.8
71	38.5	33.0	49.6

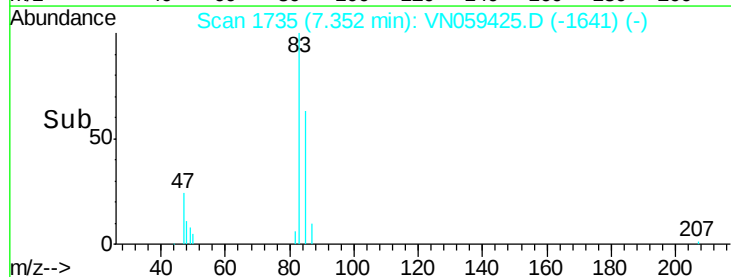
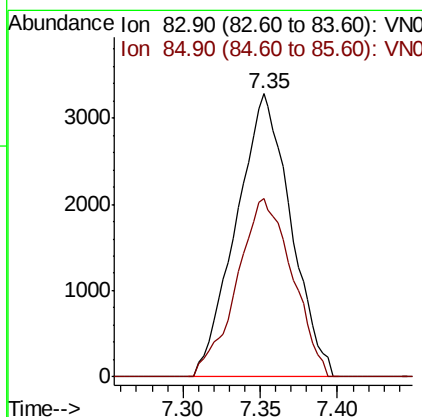
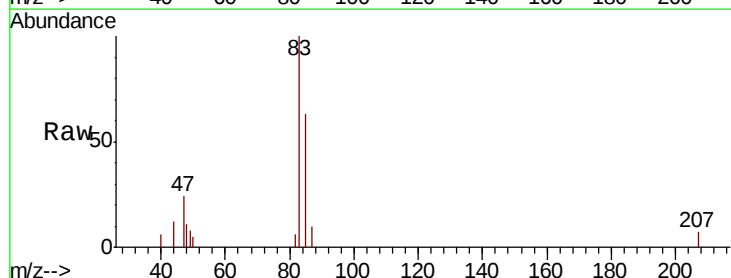
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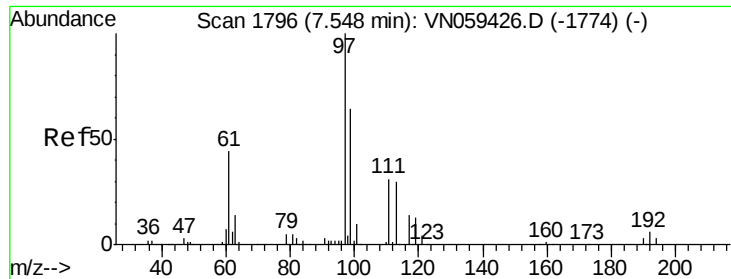
apatel
12/2/2019 10:08:59 AM



#30
Chloroform
Concen: 1.118 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.6	77.4





#32

1,1,1-Trichloroethane

Concen: 0.897 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

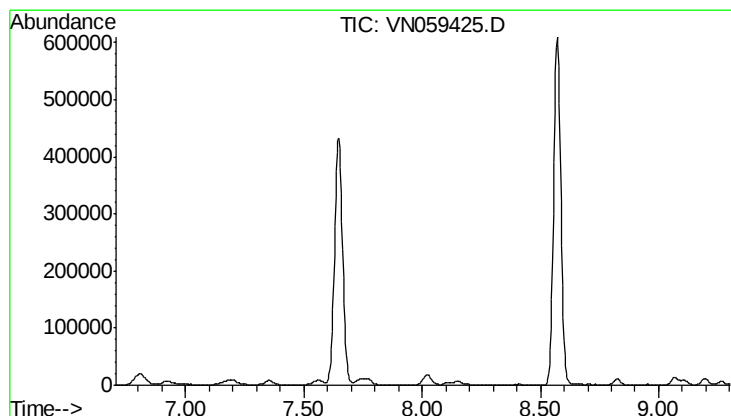
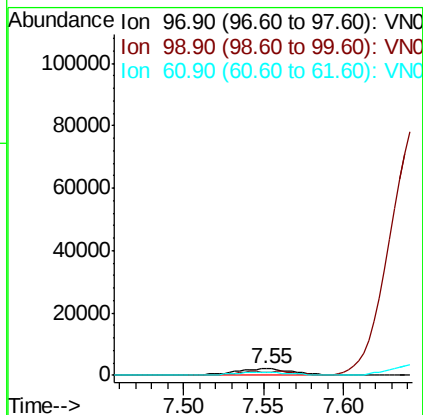
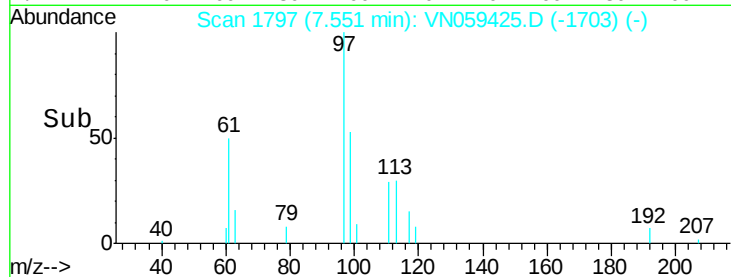
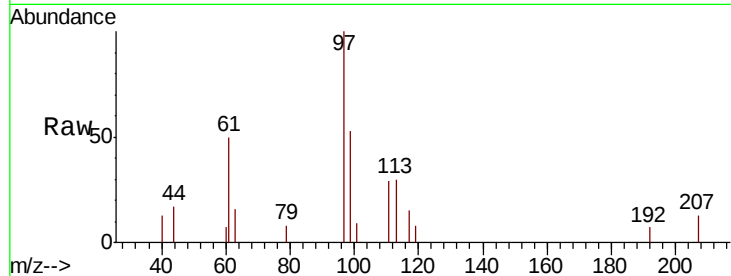
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	5281
Ion Ratio	Lower	Upper	
97	100		
99	0.0	50.9	76.3#
61	48.2	34.3	51.5

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.00 min

Lab File: VN059425.D

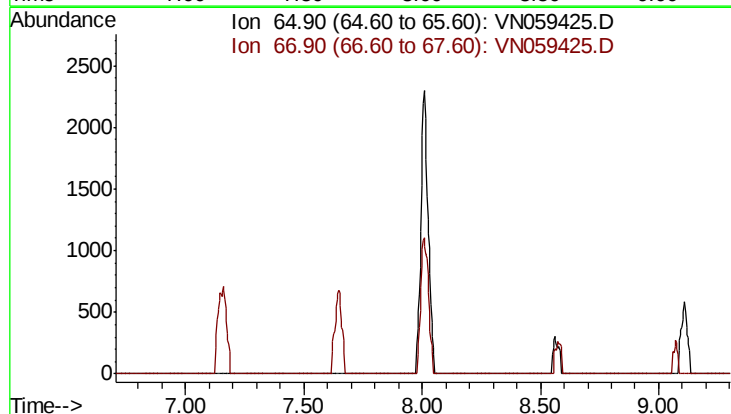
Acq: 27 Nov 2019 15:21

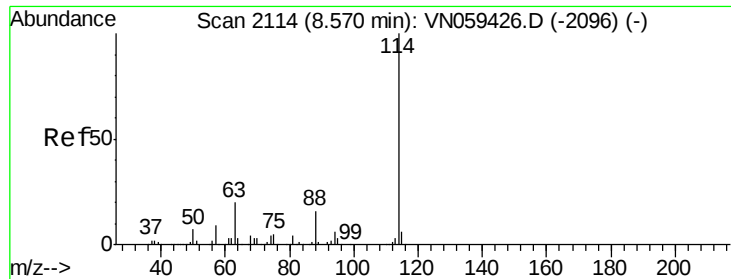
Tgt Ion: 65

Sig Exp Ratio

65 100

67 55.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

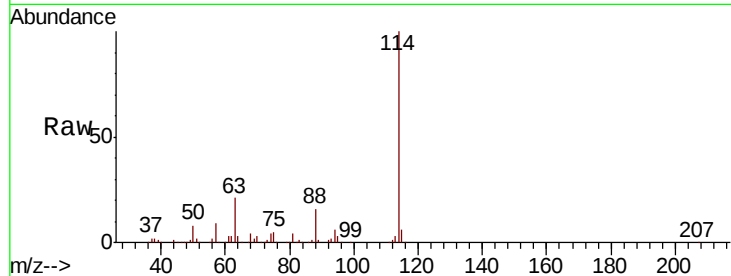
ClientSampleId :

VSTDIC001

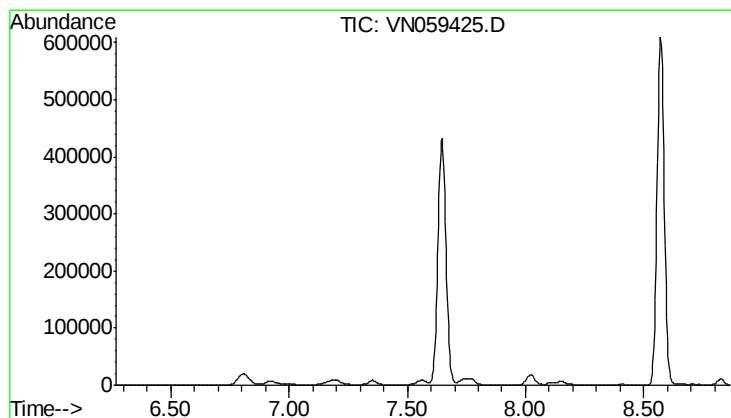
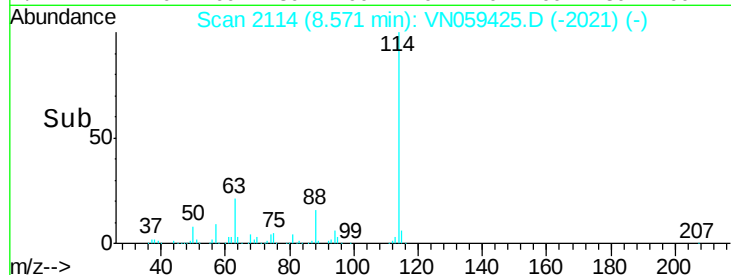
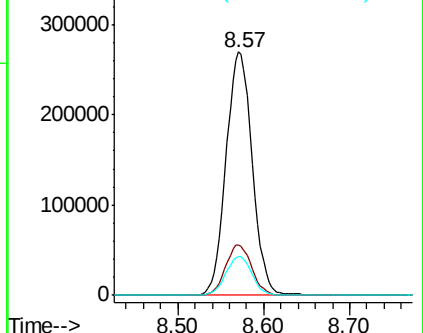
Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	20.7	0.0	40.4
88	16.0	0.0	32.2

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Abundance Ion 113.90 (113.60 to 114.60): VN059425.D



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.57 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

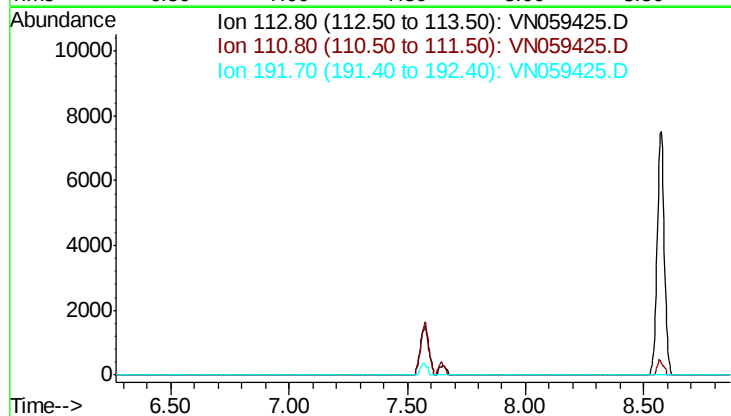
Tgt Ion: 113

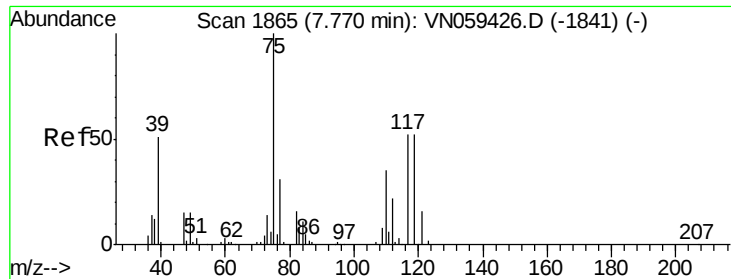
Sig Exp Ratio

113 100

111 102.4

192 20.7





#36

1,1-Dichloropropene

Concen: 0.907 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.01 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

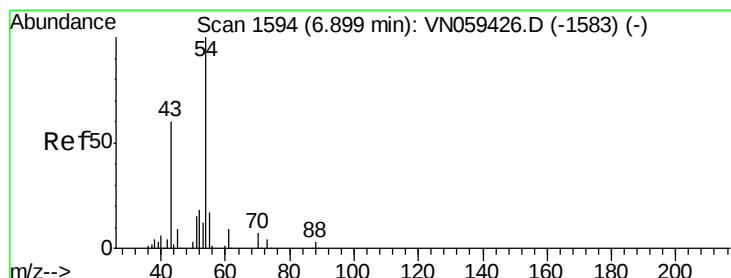
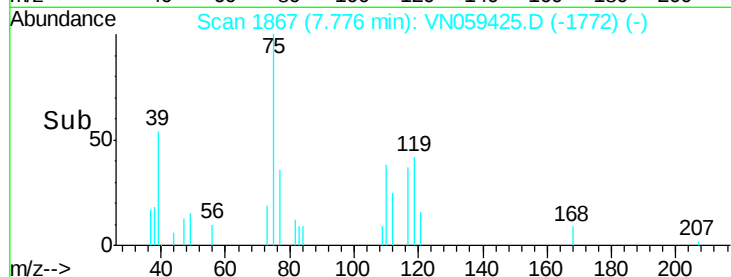
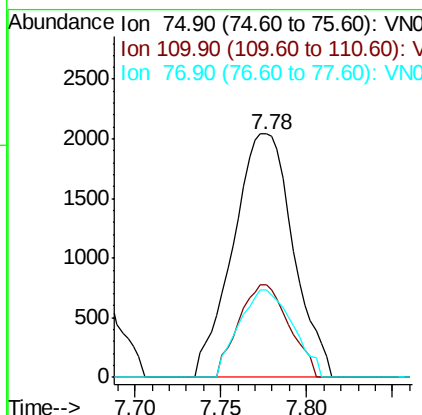
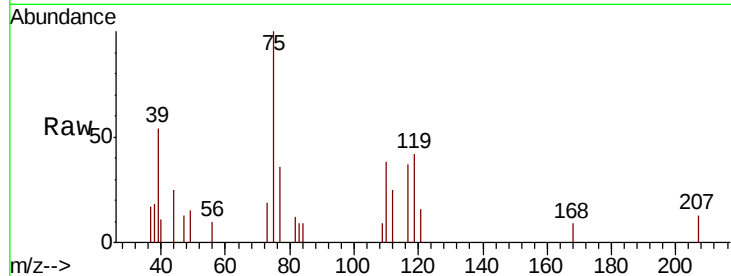
ClientSampled :

VSTDIC001

Tot Ion:	75	Resp:	4959
Ion	Ratio	Lower	Upper
75	100		
110	31.9	17.3	52.0
77	32.2	24.9	37.3

Manual Integrations
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#37

Ethyl Acetate

Concen: 0.907 ug/l

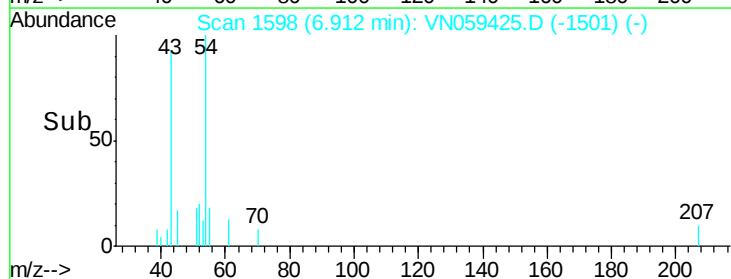
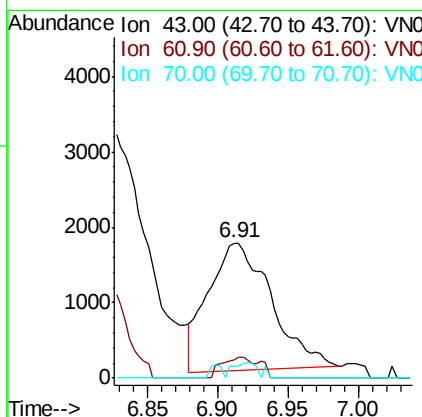
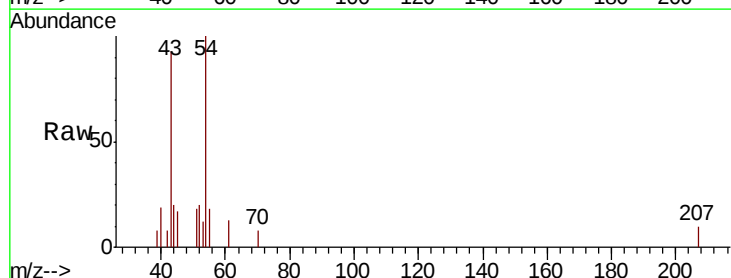
RT: 6.91 min Scan# 1598

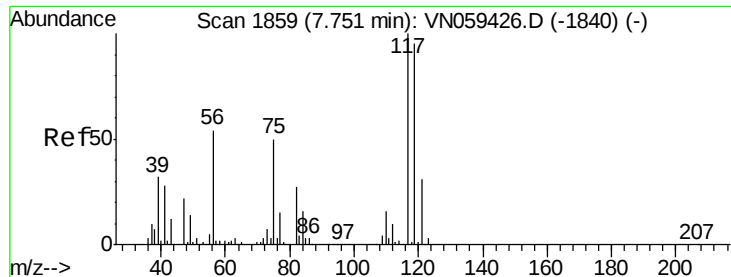
Delta R.T. 0.01 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Tgt Ion:	43	Resp:	5248
Ion	Ratio	Lower	Upper
43	100		
61	9.8	12.2	18.2#
70	5.1	8.8	13.2#





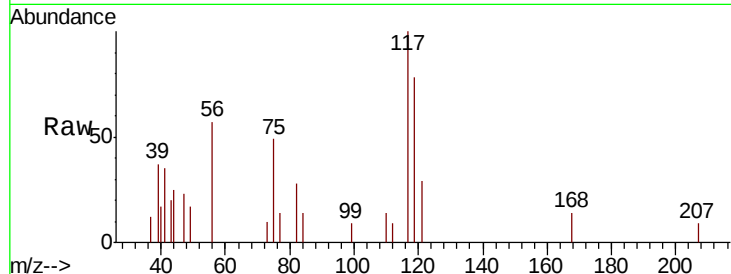
#38
Carbon Tetrachloride
Concen: 0.830 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	77.8	75.9	113.9
121	29.3	24.6	36.8

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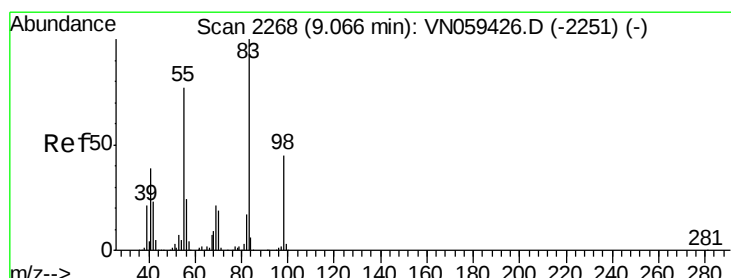
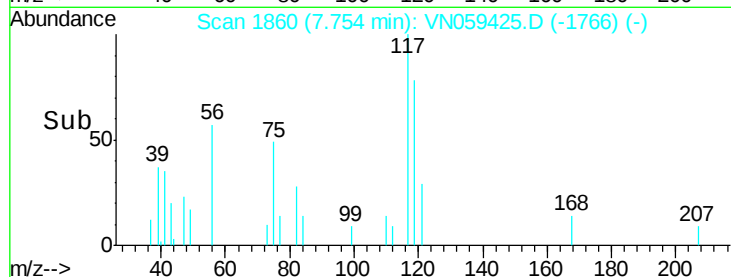
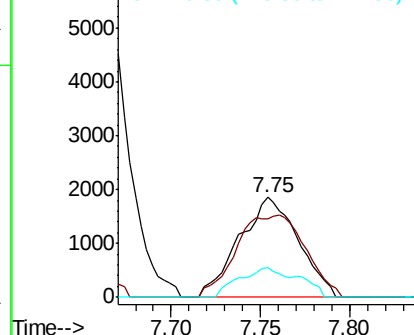


Abundance

Ion 116.80 (116.50 to 117.50): V

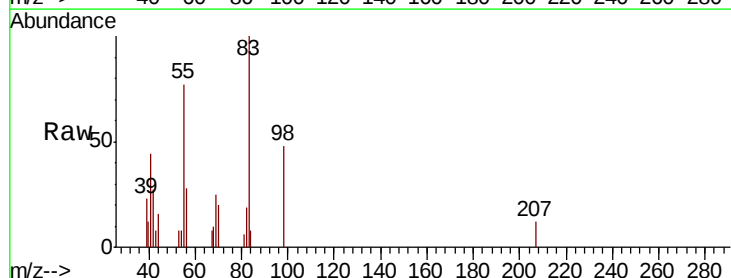
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39
Methylcyclohexane
Concen: 0.802 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.6	92.4
98	48.1	35.7	53.5

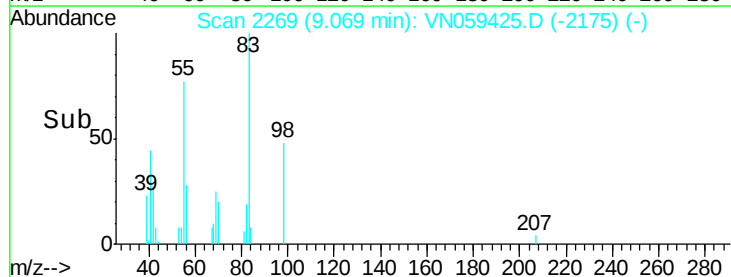
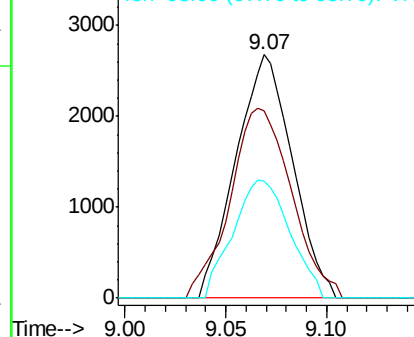


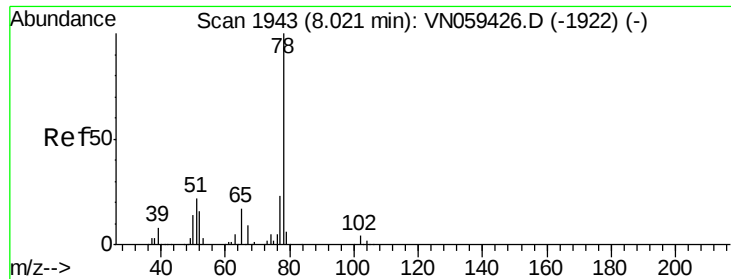
Abundance

Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 0.910 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 14784

Ion Ratio Lower Upper

78 100

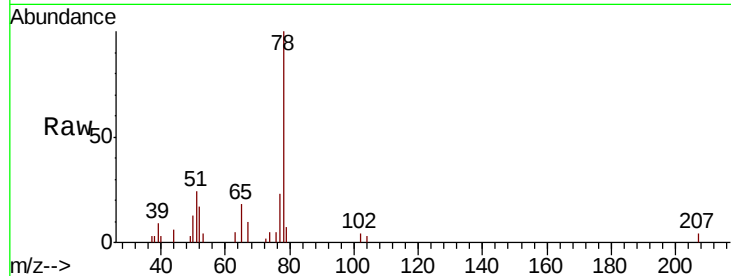
77 22.8 18.3 27.5

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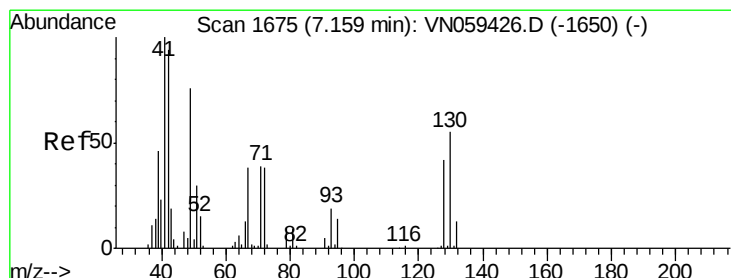
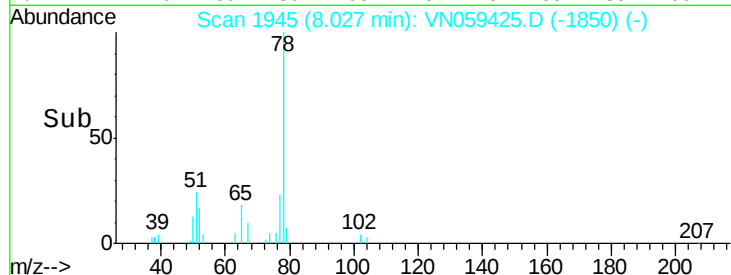
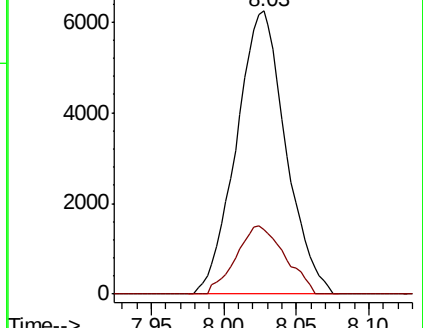
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Abundance Ion 78.00 (77.70 to 78.70): VN059426.D (-1922) (-)

Ion 77.00 (76.70 to 77.70): VN059426.D (-1922) (-)



#41

Methacrylonitrile

Concen: 0.839 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Tgt Ion: 41 Resp: 2292

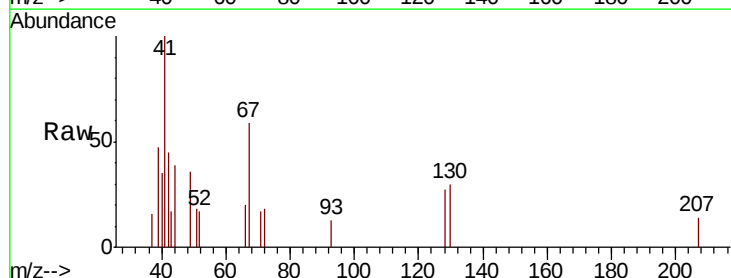
Ion Ratio Lower Upper

41 100

39 53.8 0.0 0.0#

67 77.0 0.0 0.0#

52 9.8 0.0 0.0#

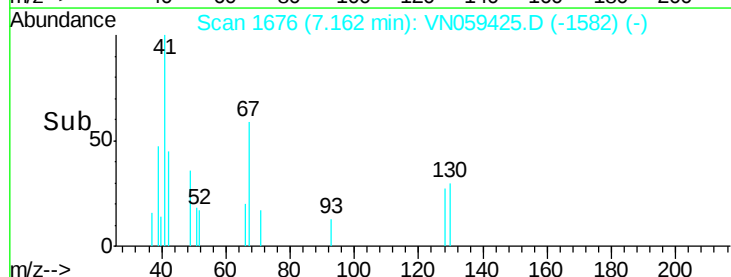
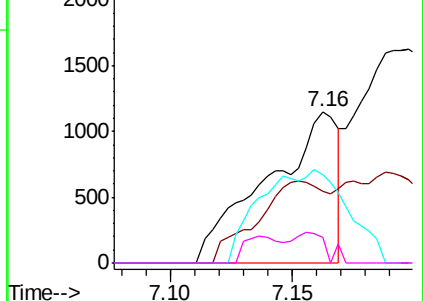


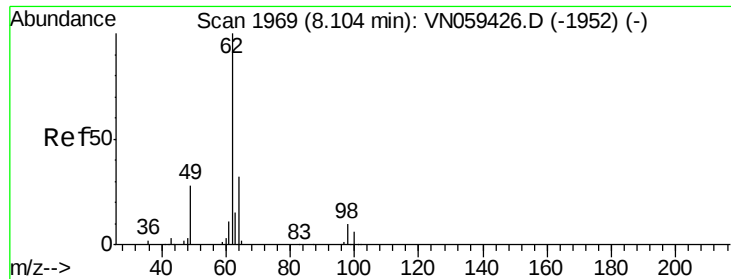
Abundance Ion 41.00 (40.70 to 41.70): VN059426.D (-1650) (-)

Ion 39.00 (38.70 to 39.70): VN059426.D (-1650) (-)

Ion 67.00 (66.70 to 67.70): VN059426.D (-1650) (-)

Ion 52.00 (51.70 to 52.70): VN059426.D (-1650) (-)





#42

1,2-Dichloroethane

Concen: 0.886 ug/l

RT: 8.11 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 4564

Ion Ratio Lower Upper

62 100

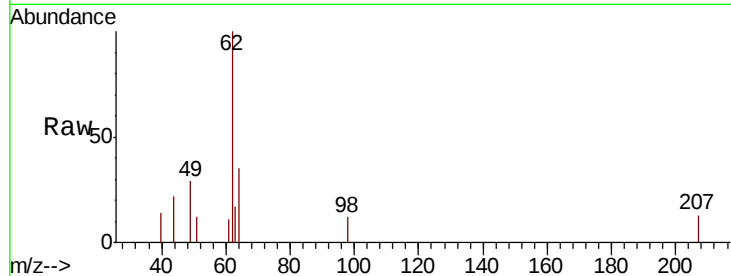
98 6.5 0.0 19.0

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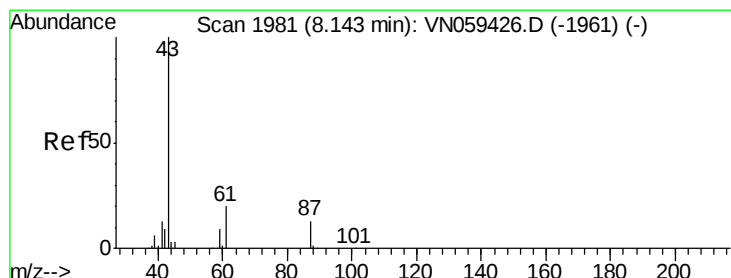
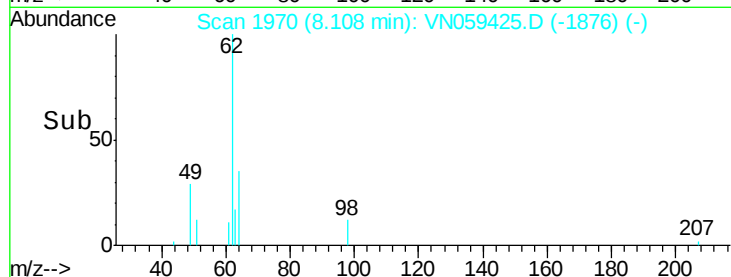
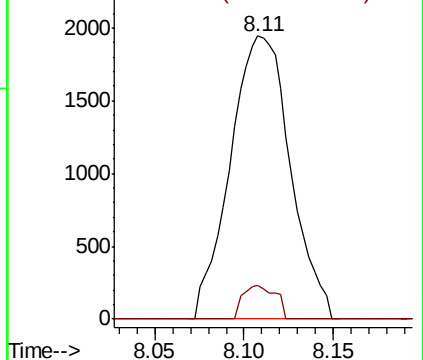
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Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#43

Isopropyl Acetate

Concen: 0.804 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.01 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

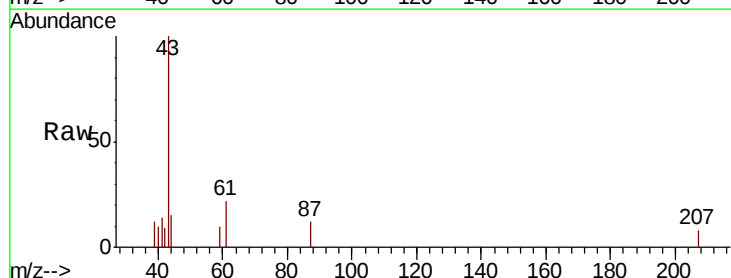
Tgt Ion: 43 Resp: 7073

Ion Ratio Lower Upper

43 100

61 24.5 22.2 33.2

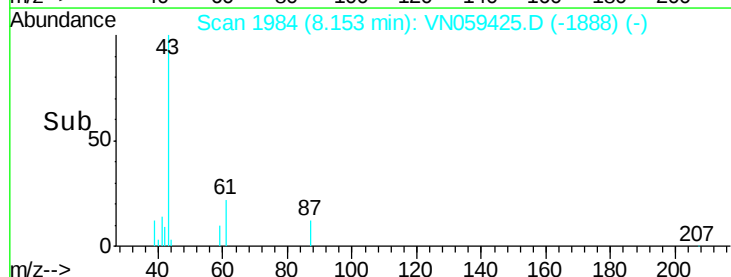
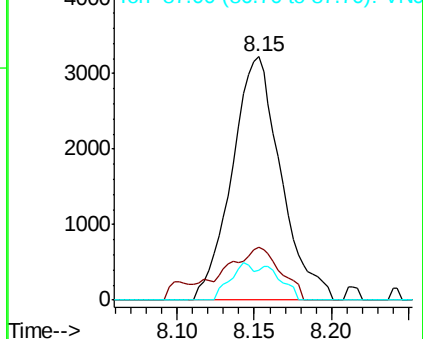
87 7.3 10.7 16.1#

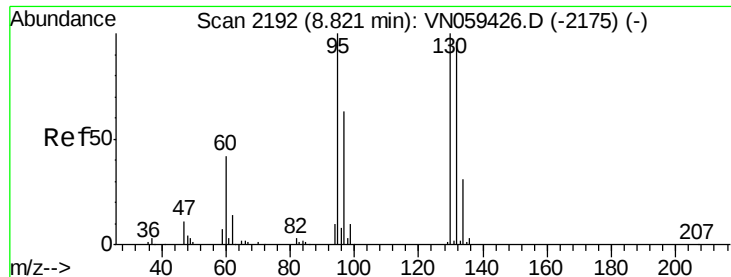


Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 61.00 (60.70 to 61.70): VNC

Ion 87.00 (86.70 to 87.70): VNC





#44

Trichloroethene

Concen: 0.933 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:130 Resp: 3862

Ion Ratio Lower Upper

130 100

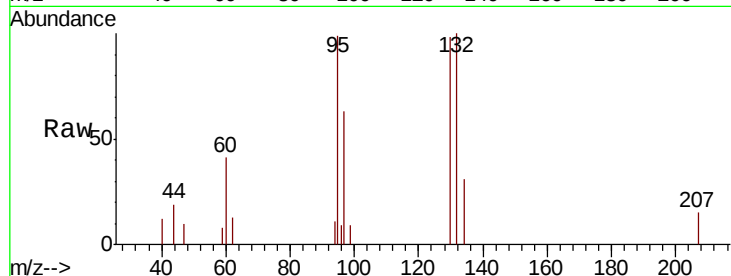
95 101.5 0.0 199.6

Manual Integrations

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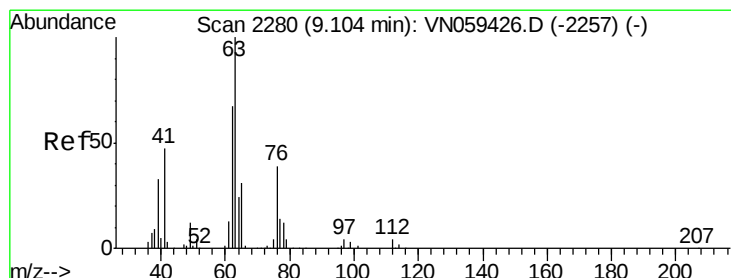
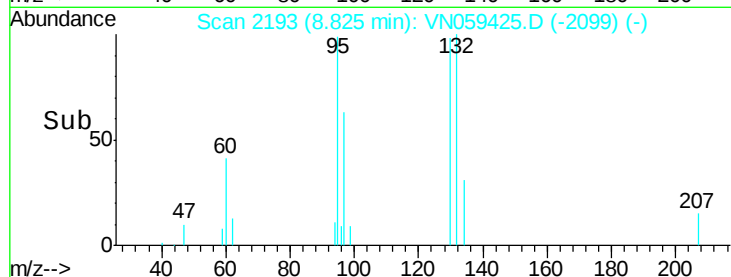
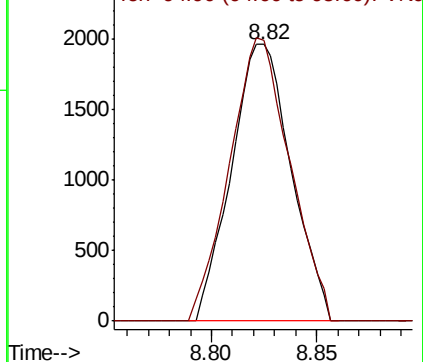
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#45

1,2-Dichloropropane

Concen: 0.868 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059425.D

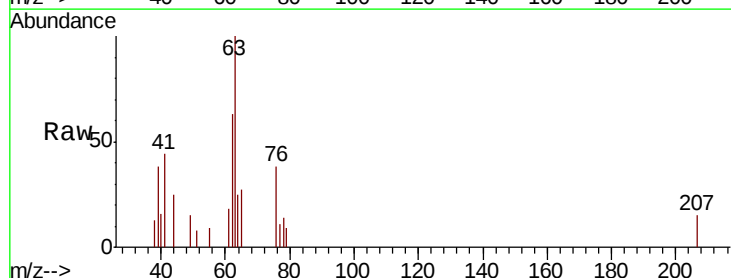
Acq: 27 Nov 2019 15:21

Tgt Ion: 63 Resp: 3686

Ion Ratio Lower Upper

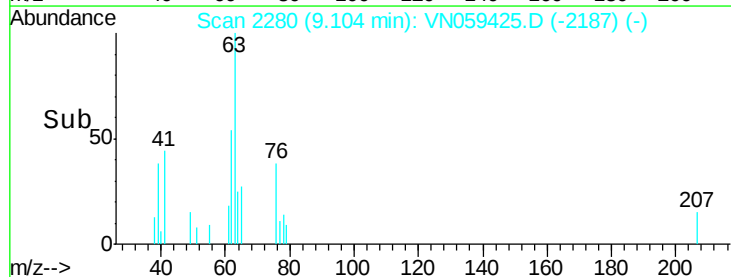
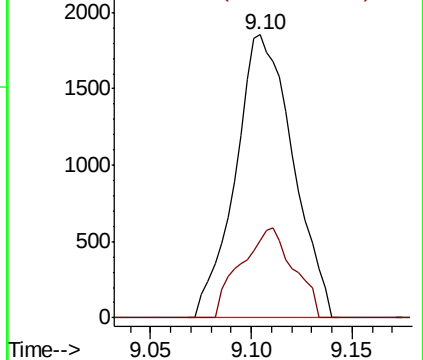
63 100

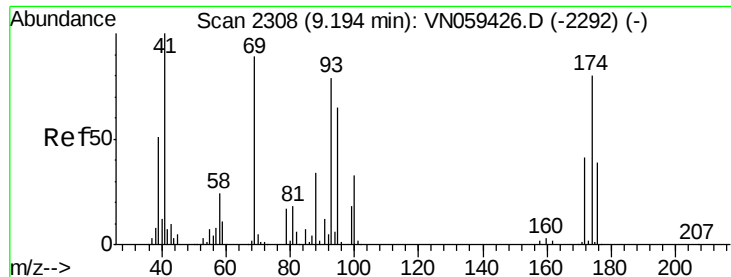
65 27.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO





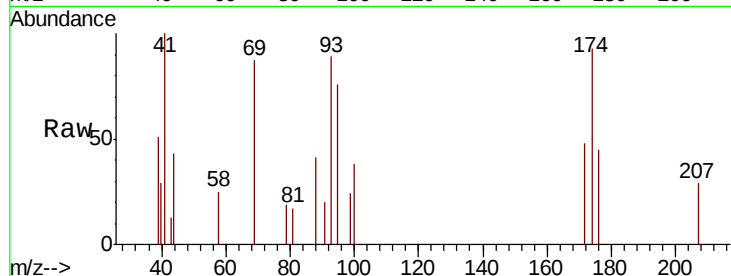
#46
Dibromomethane
Concen: 0.857 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.01 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

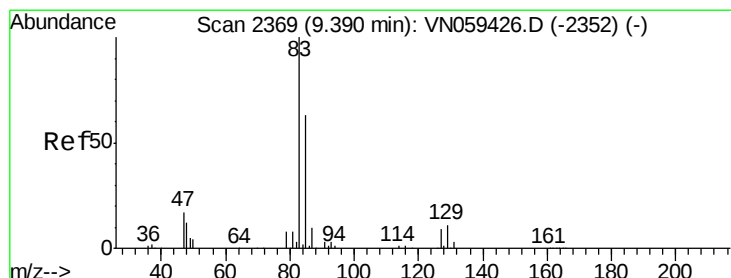
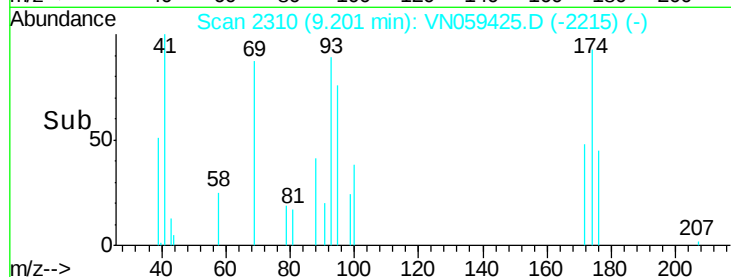
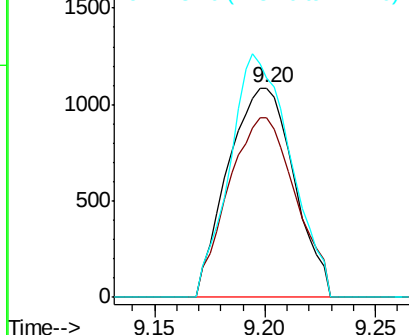
Tot Ion	Ratio	Lower	Upper
93	100		
95	87.2	66.2	99.4
174	107.4	81.8	122.8

Manual Integrations
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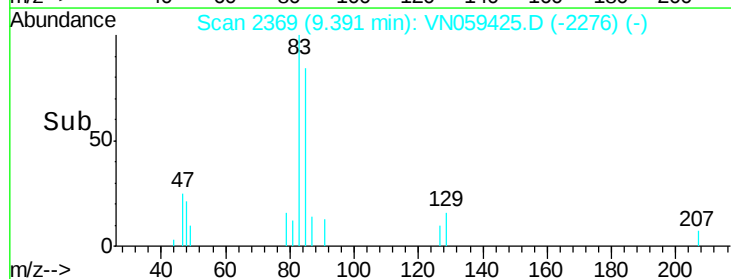
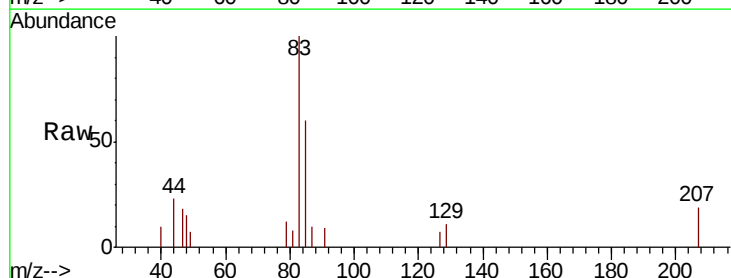
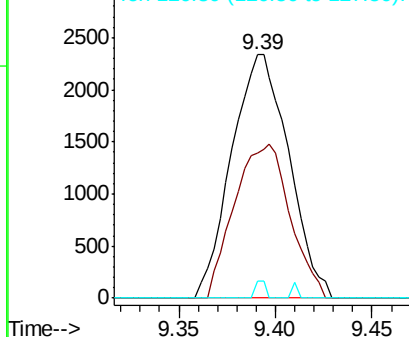
Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

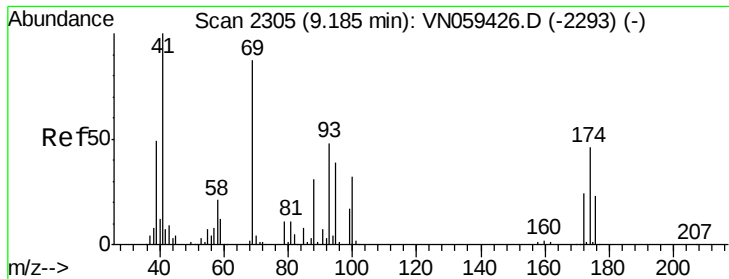


#47
Bromodichloromethane
Concen: 0.905 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.7	50.6	75.8
127	7.1	6.8	10.2

Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V





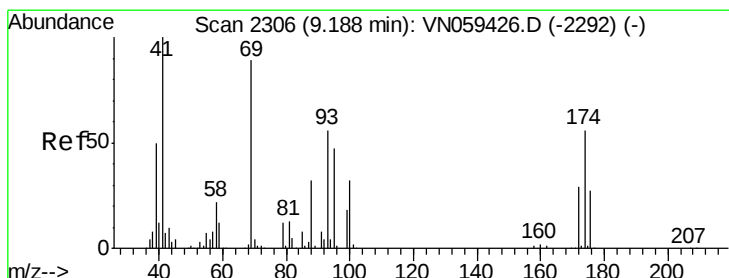
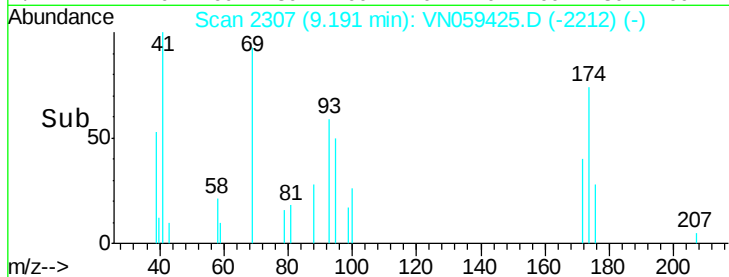
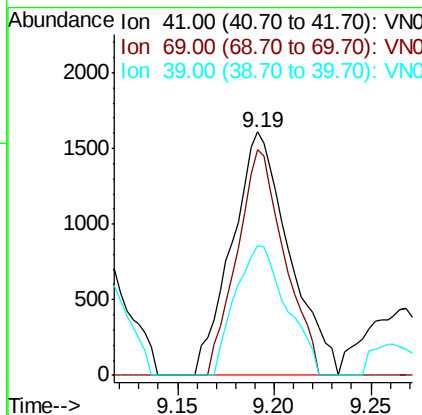
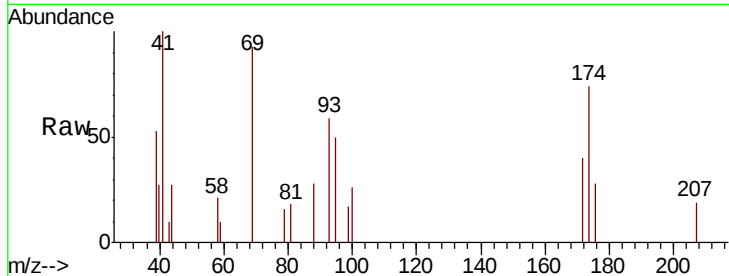
#48
Methvl methacrylate
Concen: 0.848 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.01 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	77.1	71.6	107.4
39	47.7	41.3	61.9

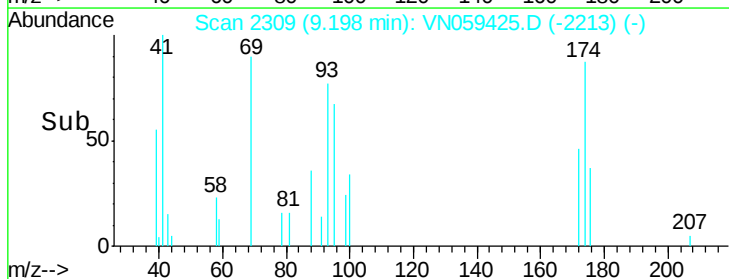
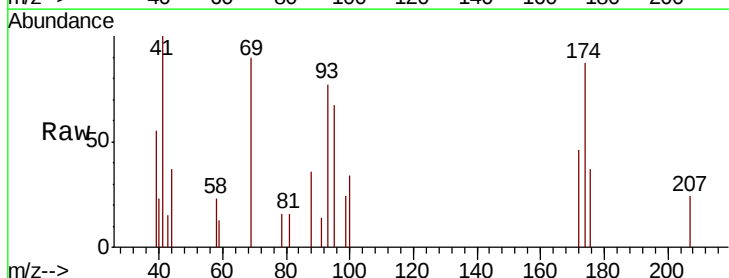
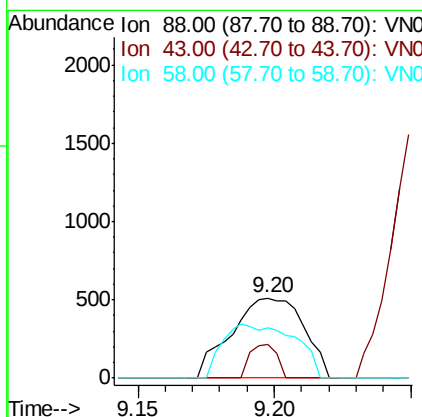
Manual Integrations
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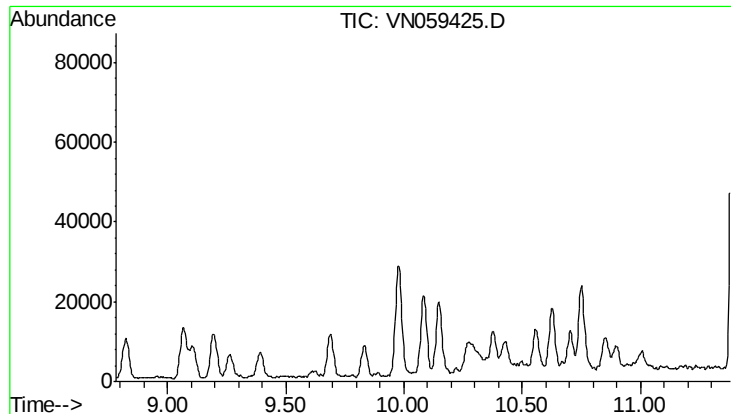
apatel
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#49
1,4-Dioxane
Concen: 16.534 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.01 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.7	35.5#
58	67.0	56.3	84.5





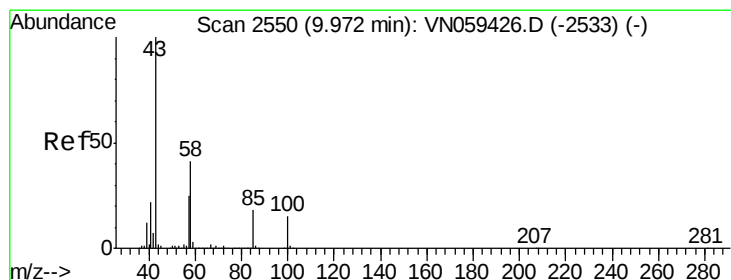
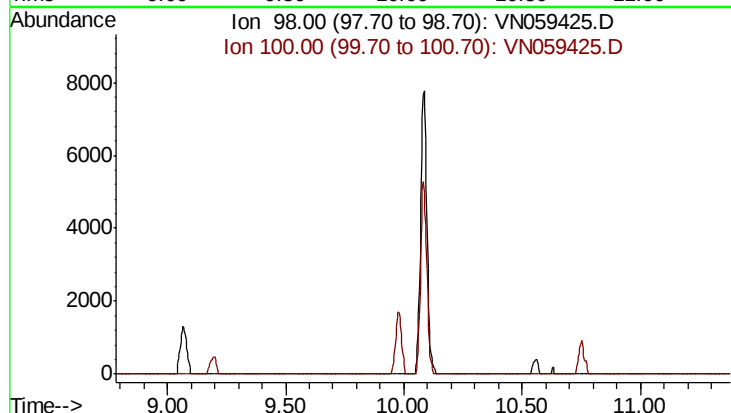
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.08 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.2

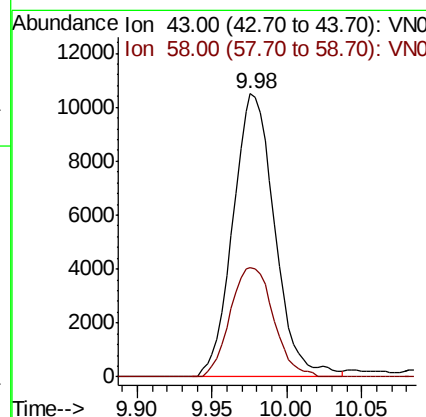
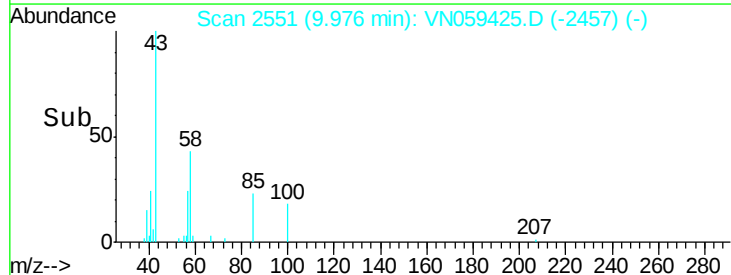
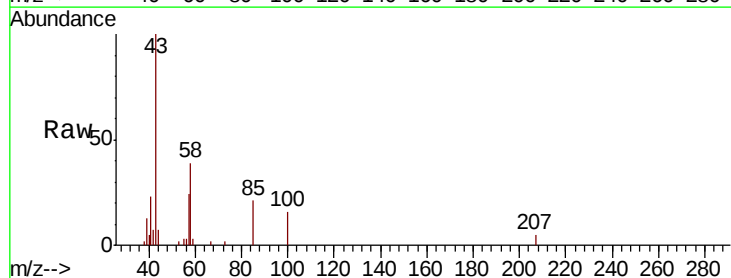
Manual Integrations
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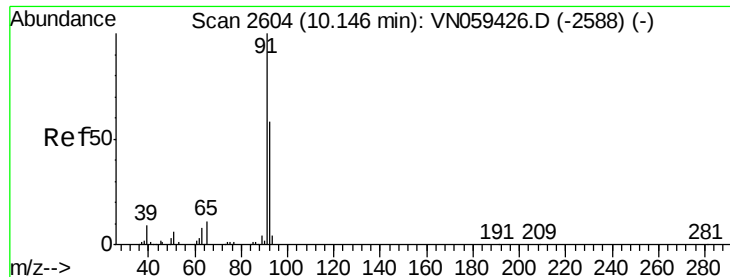
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#51
4-Methyl-2-Pentanone
Concen: 4.011 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion: 43 Resp: 20455
Ion Ratio Lower Upper
43 100
58 39.9 32.5 48.7





#52

Toluene

Concen: 0.882 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 8559

Ion Ratio Lower Upper

92 100

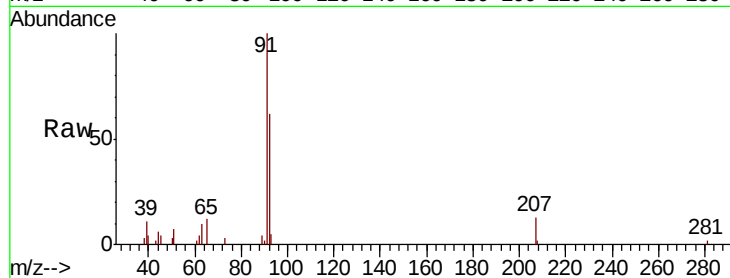
91 166.8 137.1 205.7

Manual Integrations

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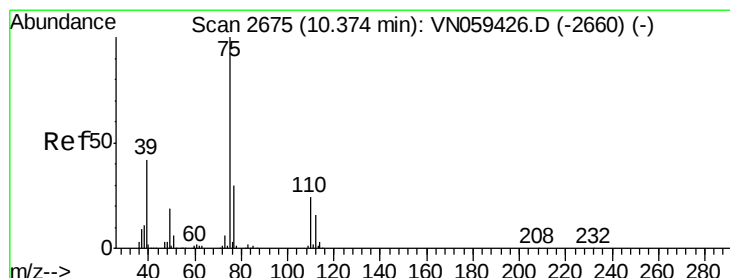
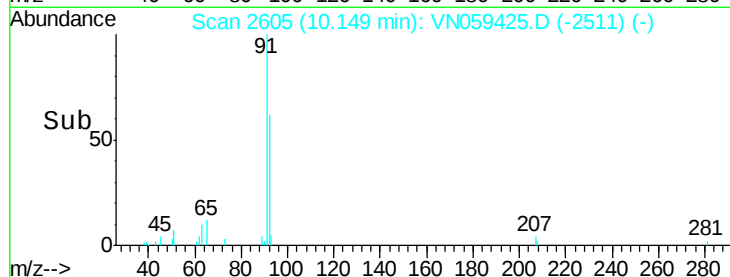
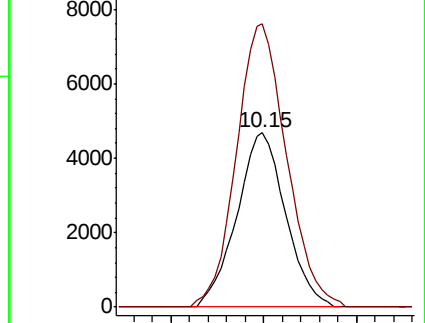
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Abundance Ion 92.00 (91.70 to 92.70): VN059426.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN059426.D (-2588) (-)



#53

t-1,3-Dichloropropene

Concen: 0.837 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN059425.D

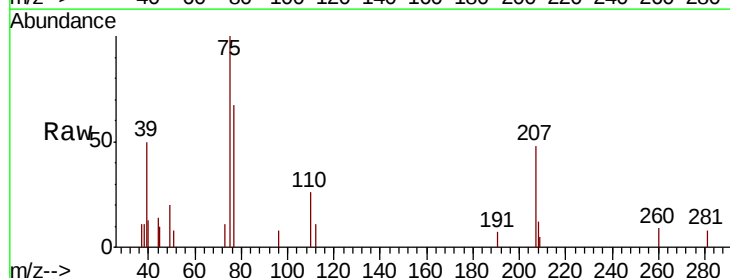
Acq: 27 Nov 2019 15:21

Tgt Ion: 75 Resp: 5097

Ion Ratio Lower Upper

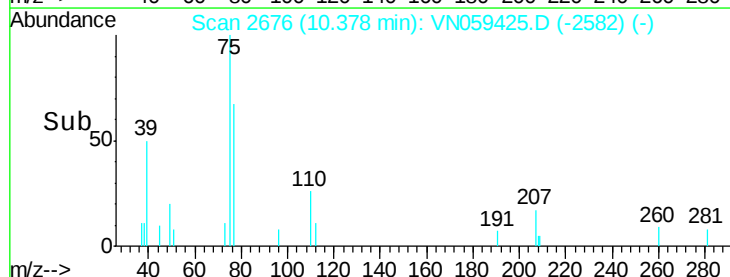
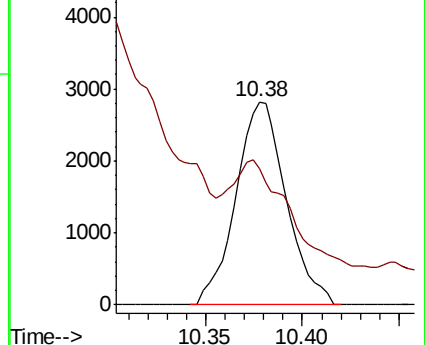
75 100

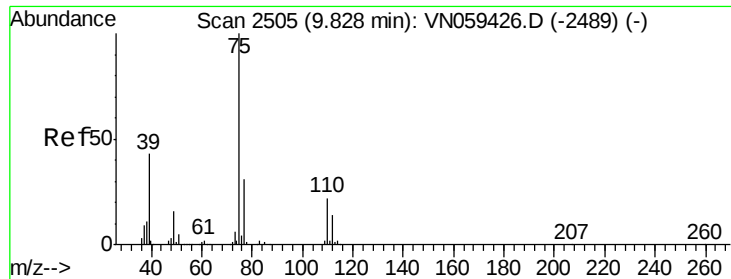
77 44.8 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VN059426.D (-2660) (-)

Ion 76.90 (76.60 to 77.60): VN059426.D (-2660) (-)





#54

cis-1,3-Dichloropropene

Concen: 0.785 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.01 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

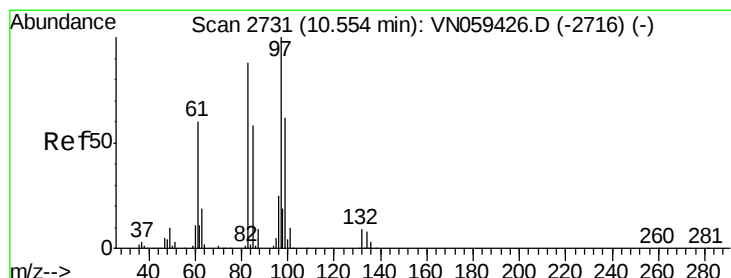
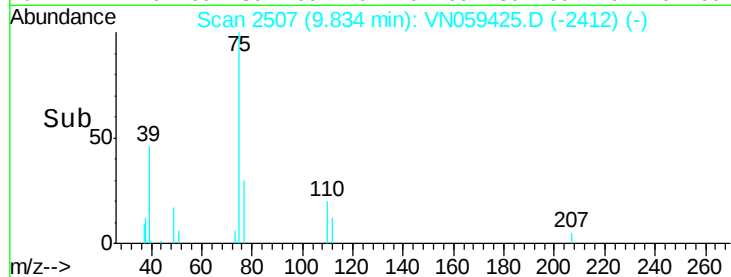
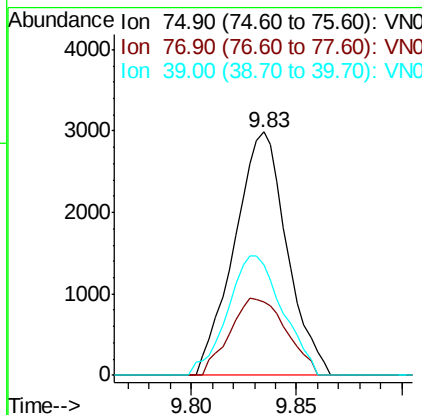
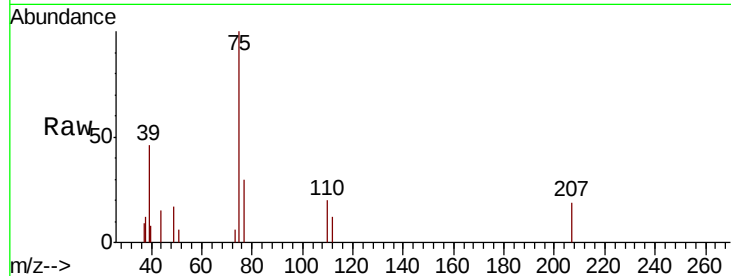
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	5163
Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.1	37.7
39	45.6	34.0	51.0

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#55

1,1,2-Trichloroethane

Concen: 0.907 ug/l

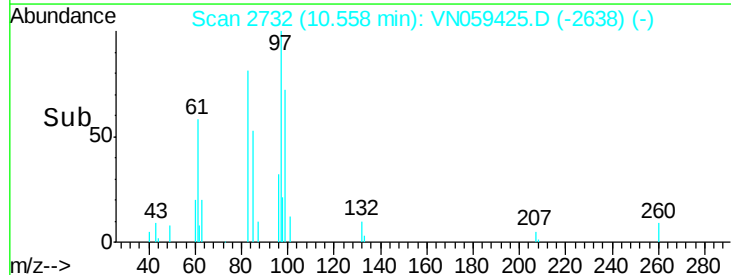
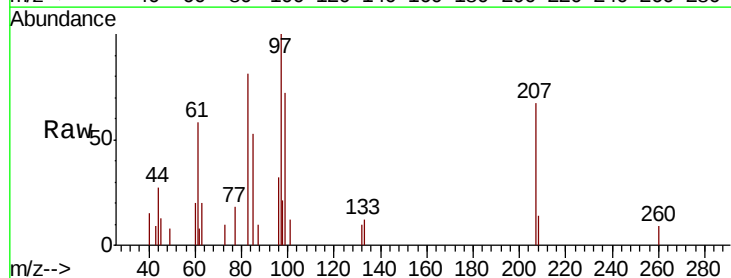
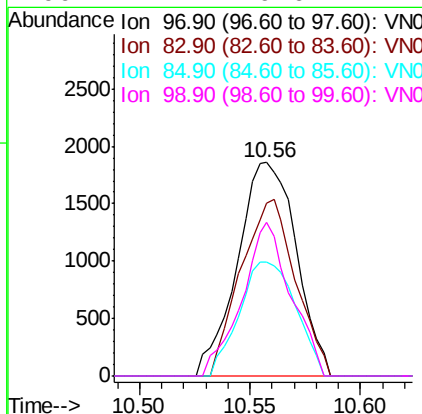
RT: 10.56 min Scan# 2732

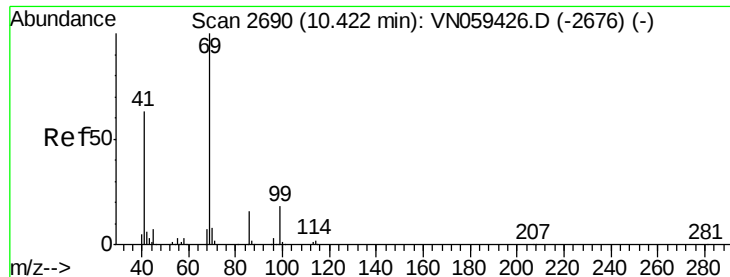
Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Tgt Ion:	97	Resp:	3443
Ion	Ratio	Lower	Upper
97	100		
83	81.2	70.7	106.1
85	53.1	46.4	69.6
99	72.1	49.6	74.4





#56

Ethyl methacrylate

Concen: 0.690 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

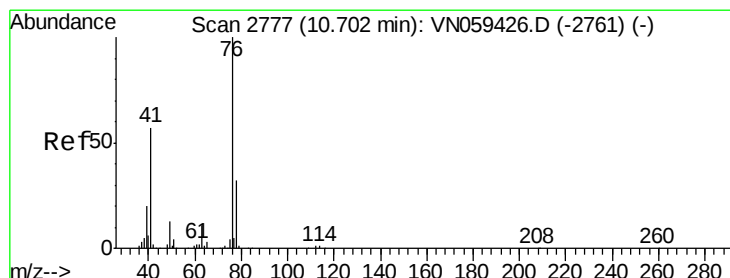
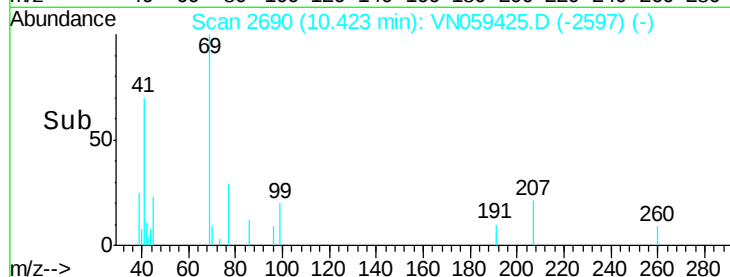
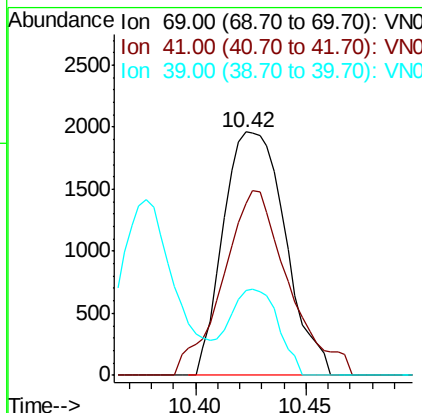
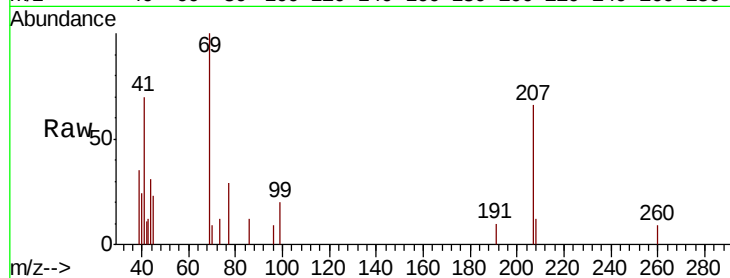
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	3820
Ion Ratio	Lower	Upper	
69	100		
41	80.3	50.1	75.1#
39	28.8	23.9	35.9

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#57

1,3-Dichloropropane

Concen: 0.864 ug/l

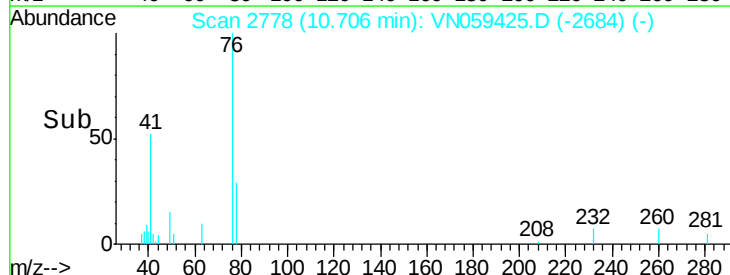
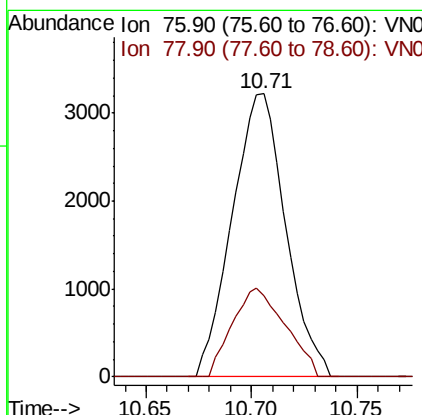
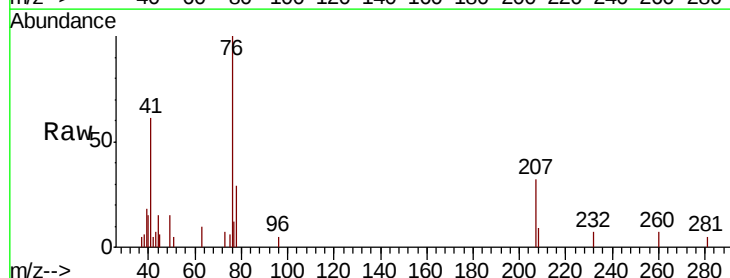
RT: 10.71 min Scan# 2778

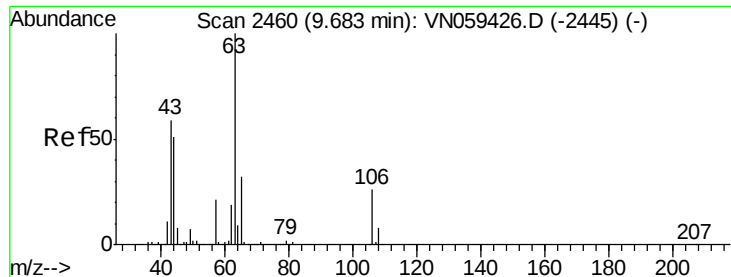
Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Tgt Ion:	76	Resp:	5670
Ion Ratio	Lower	Upper	
76	100		
78	31.0	25.5	38.3





#58

2-Chloroethyl Vinyl ether

Concen: 3.221 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.01 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 5242

Ion Ratio Lower Upper

63 100

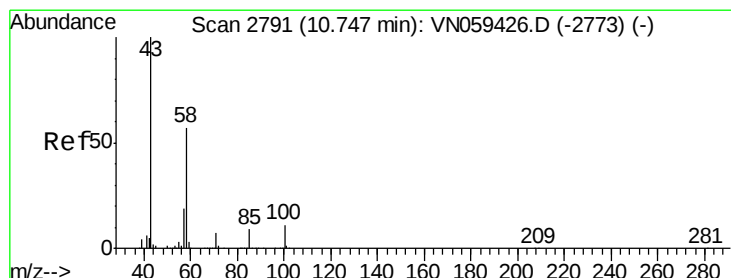
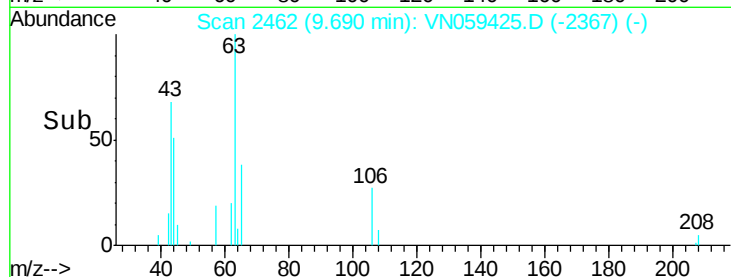
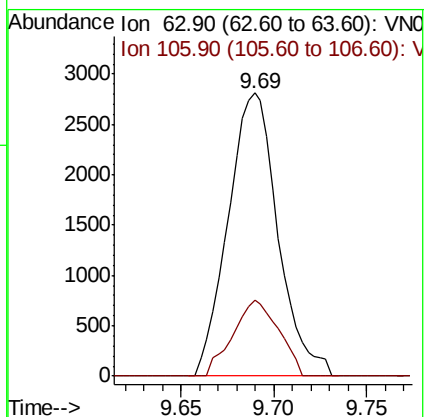
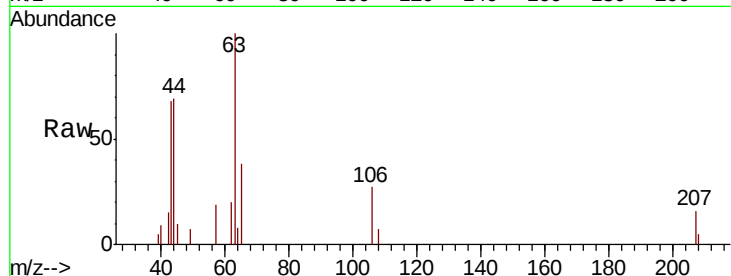
106 24.8 20.9 31.3

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#59

2-Hexanone

Concen: 3.736 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN059425.D

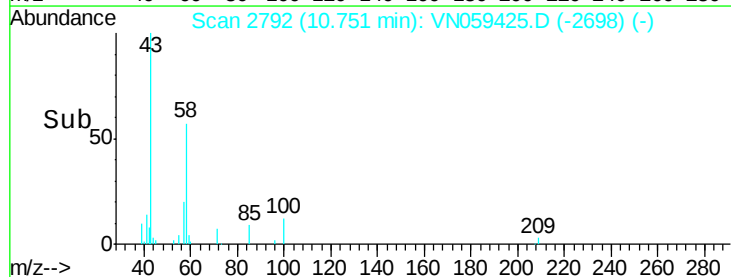
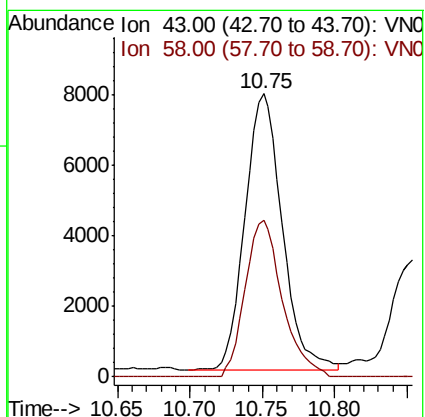
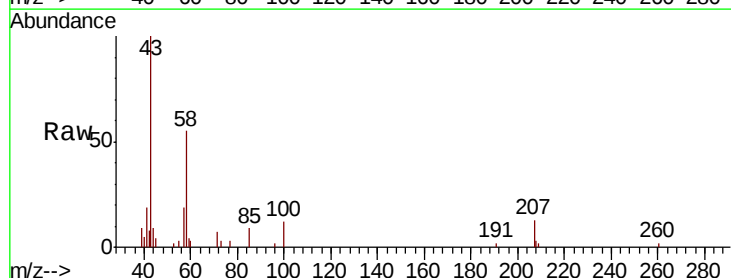
Acq: 27 Nov 2019 15:21

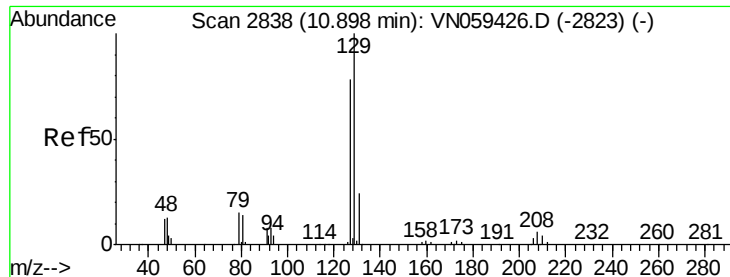
Tgt Ion: 43 Resp: 14127

Ion Ratio Lower Upper

43 100

58 56.2 28.3 85.0





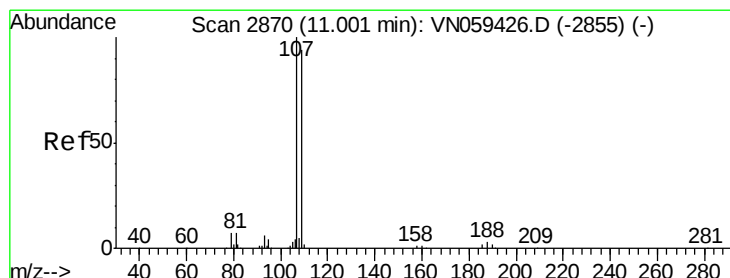
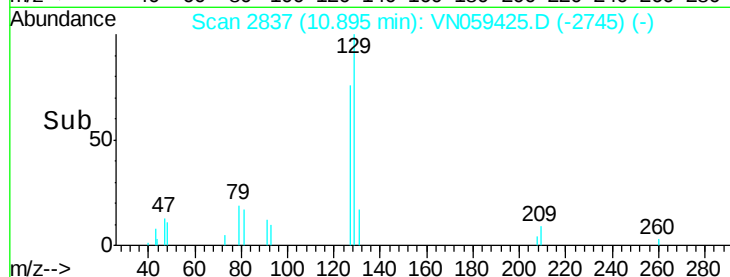
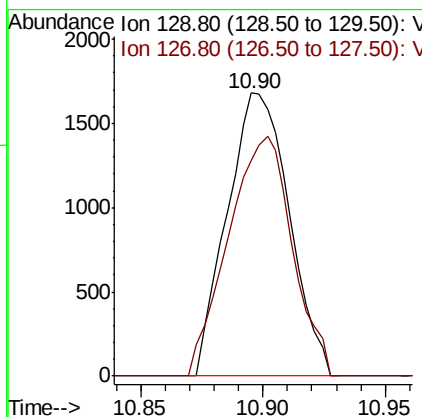
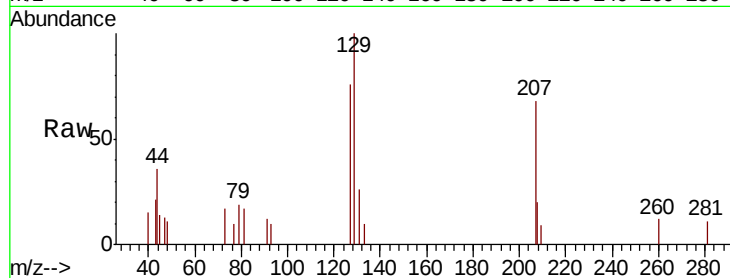
#60
Dibromochloromethane
Concen: 0.747 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	87.4	38.6	116.0

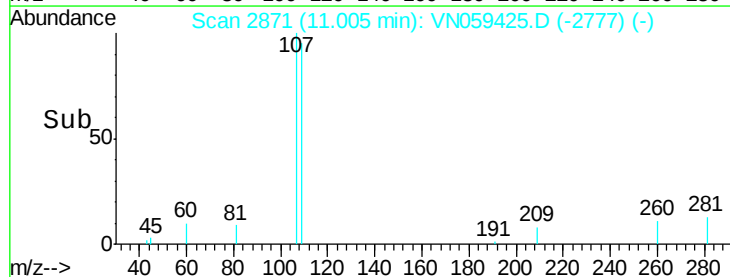
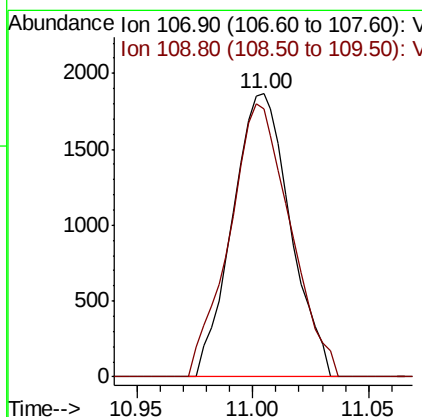
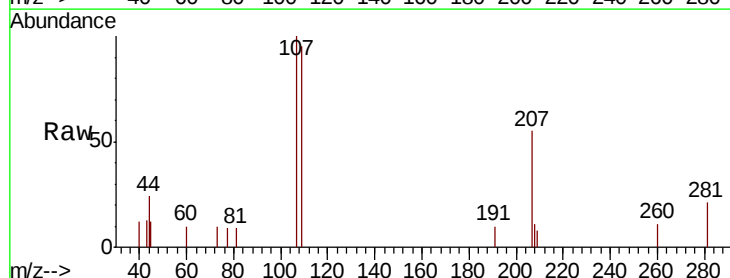
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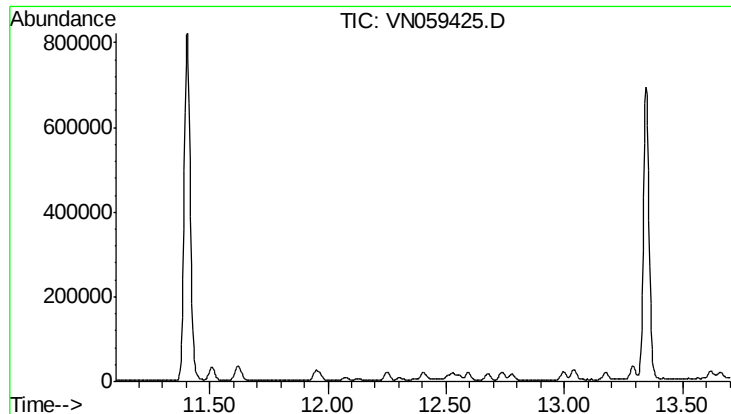
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#61
1,2-Dibromoethane
Concen: 0.827 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
107	100		
109	101.6	75.8	113.8





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Tot Ion: 95

Sig Exp Ratio

95 100

174 79.0

176 76.5

Instrument :

MSVOA_N

ClientSampleId :

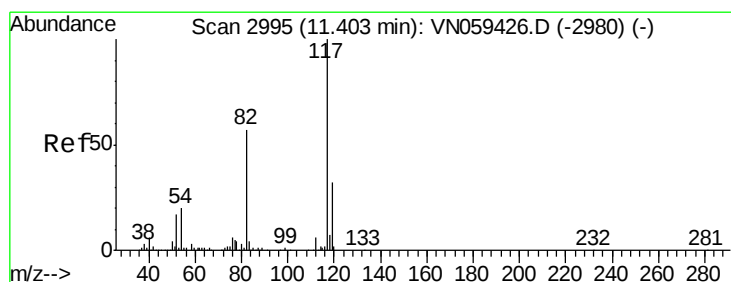
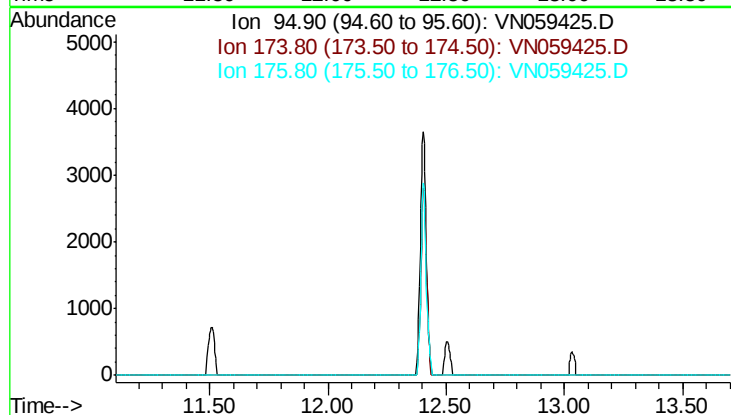
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

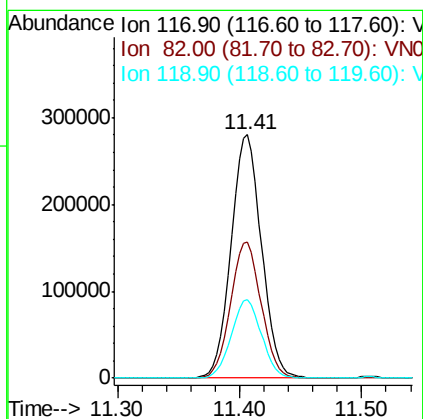
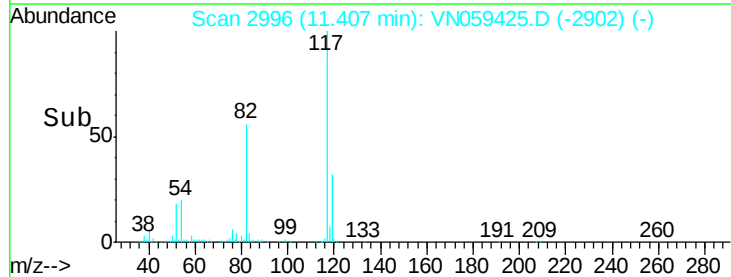
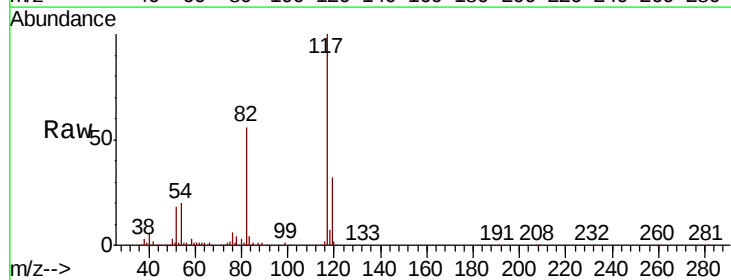
Tgt Ion: 117 Resp: 486361

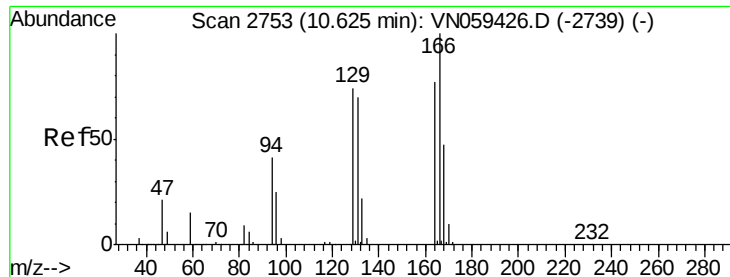
Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.0

119 32.2 25.6 38.4





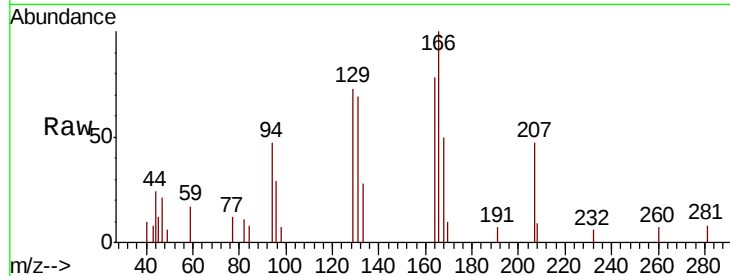
#64
Tetrachloroethene
Concen: 1.019 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.8	104.2	156.4
129	93.5	76.8	115.2
131	89.0	73.0	109.6

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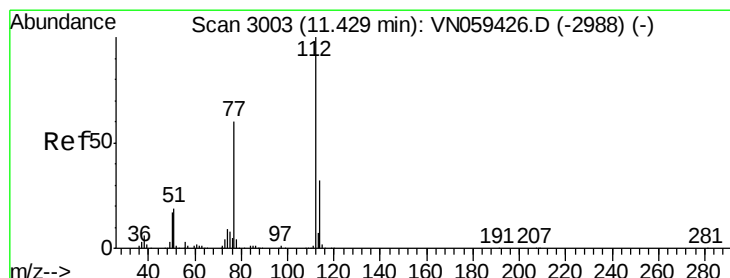
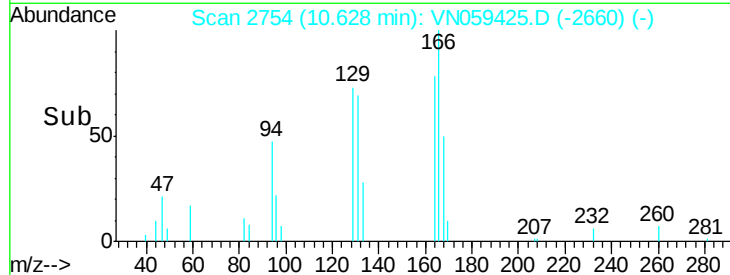
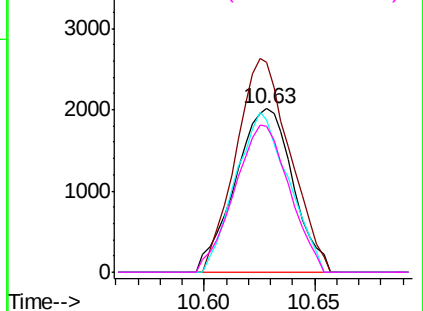
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

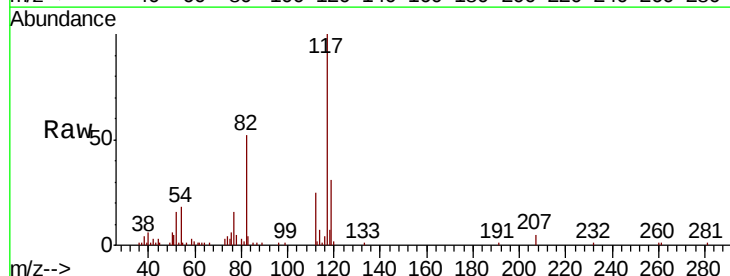
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 0.978 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

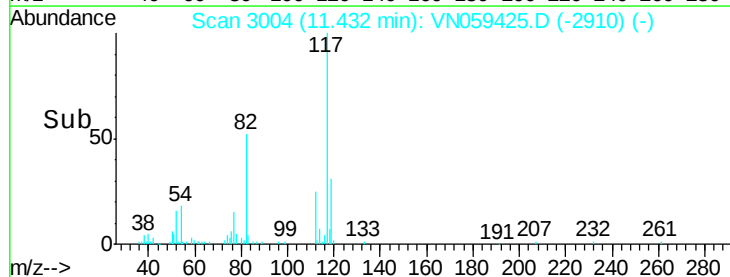
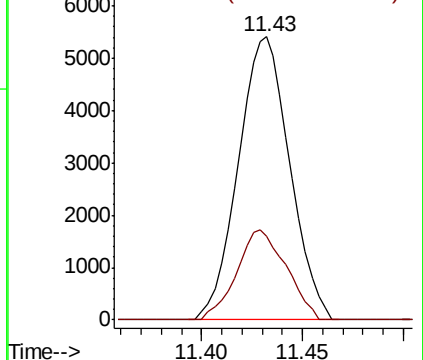
Tgt Ion	Ratio	Lower	Upper
112	100		
114	29.5	25.4	38.2

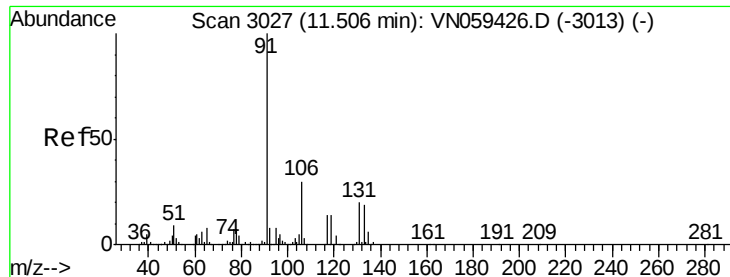


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





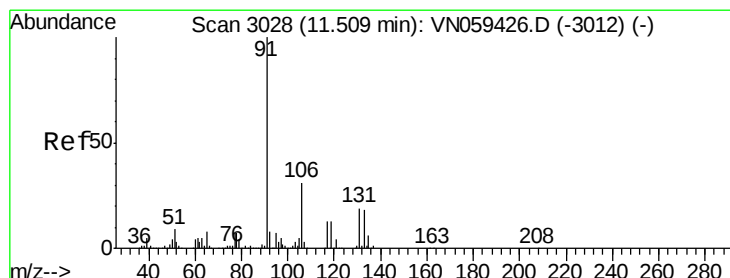
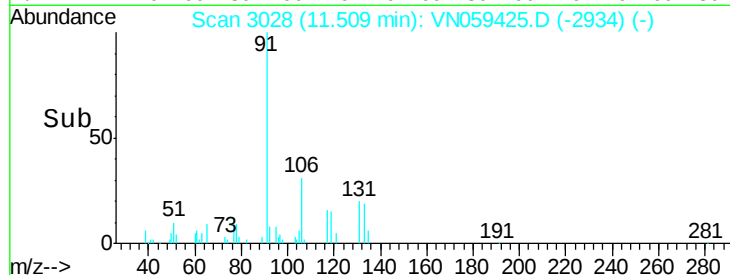
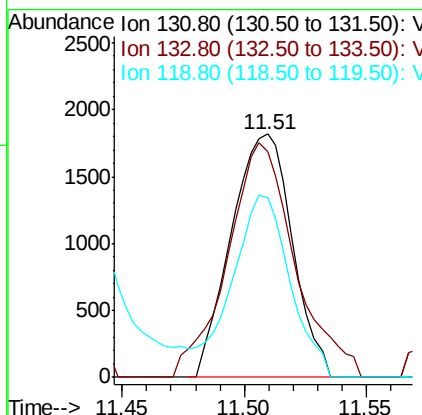
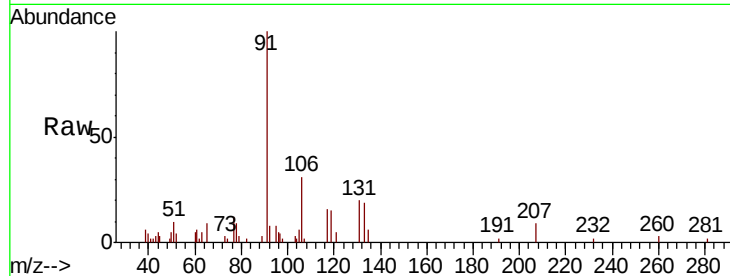
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.883 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	106.2	48.2	144.6
119	0.0	33.8	101.3#

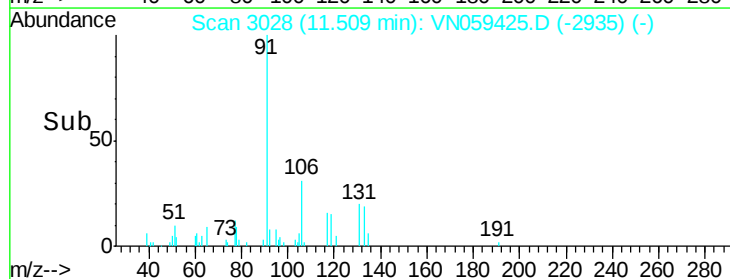
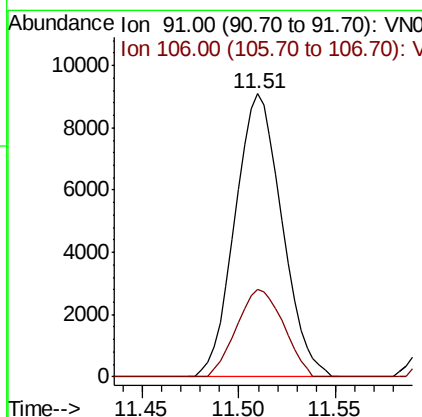
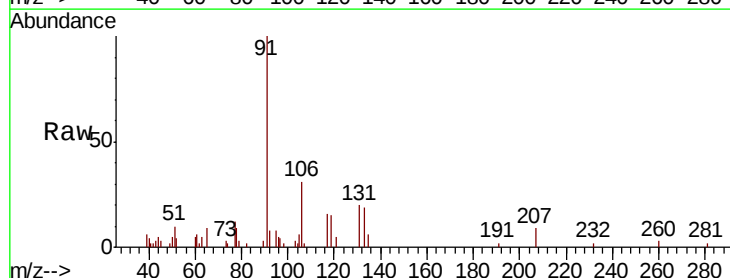
Manual Integrations
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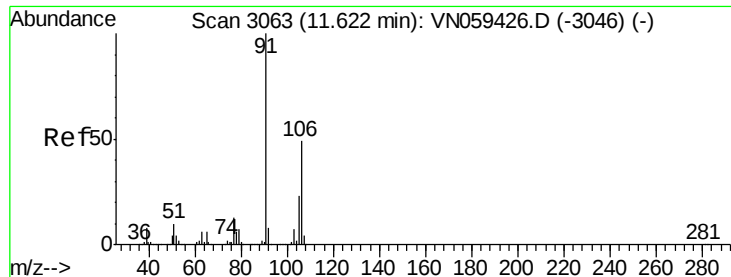
apatel
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#67
 Ethyl Benzene
 Concen: 0.888 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.7	37.1





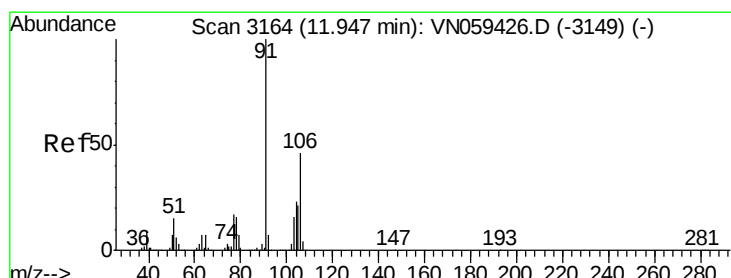
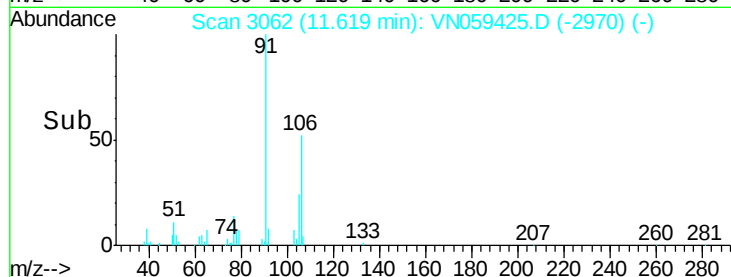
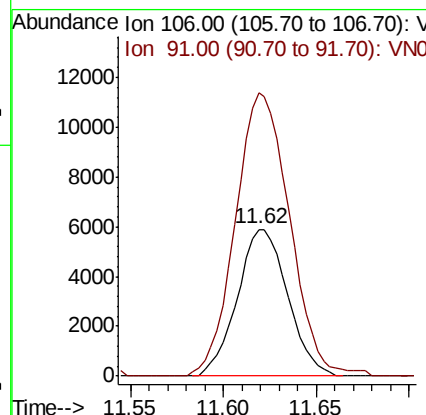
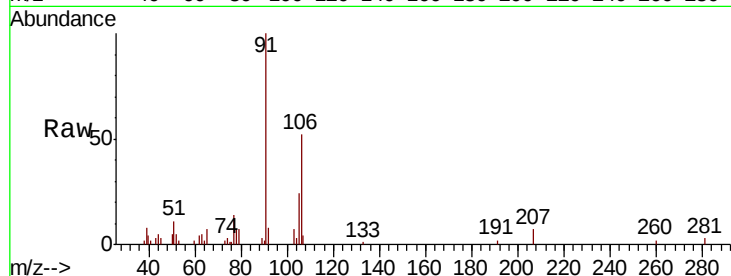
#68
m/p-Xylenes
Concen: 1.722 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
11119	106	100		
	91	207.5	163.7	245.5

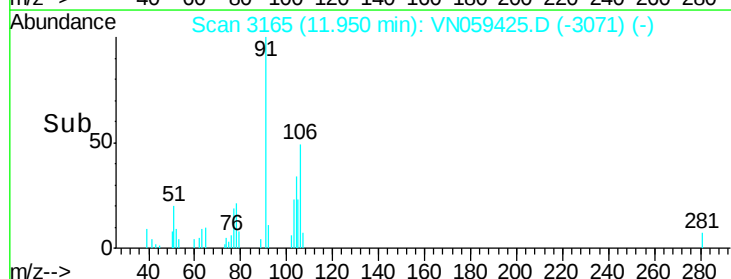
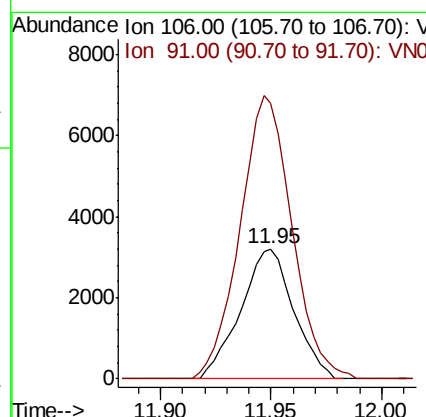
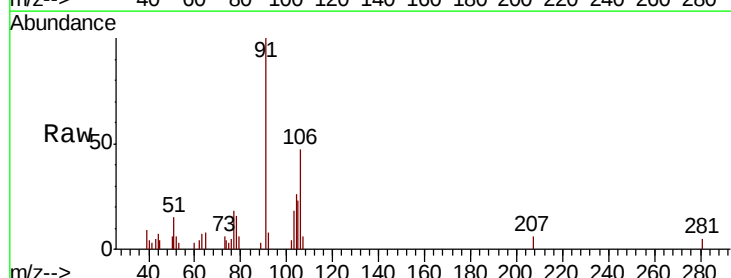
Manual Integrations
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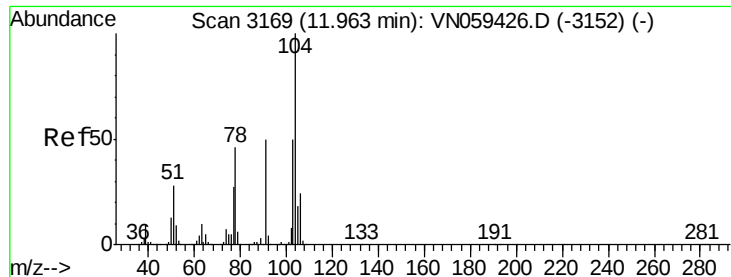
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#69
o-Xylene
Concen: 0.864 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion	Ion	Ratio	Lower	Upper
5348	106	100		
	91	213.4	107.5	322.4





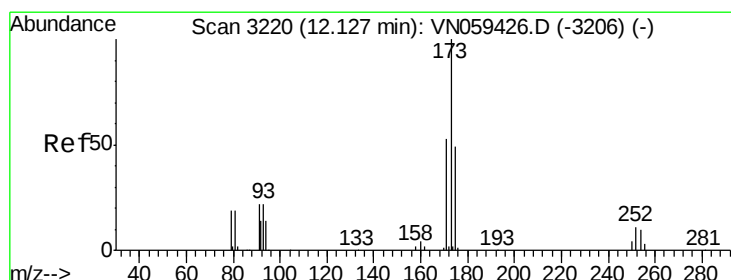
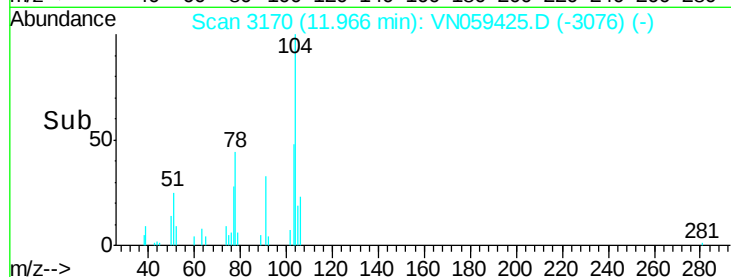
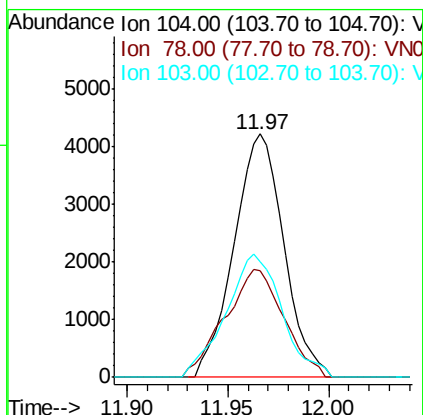
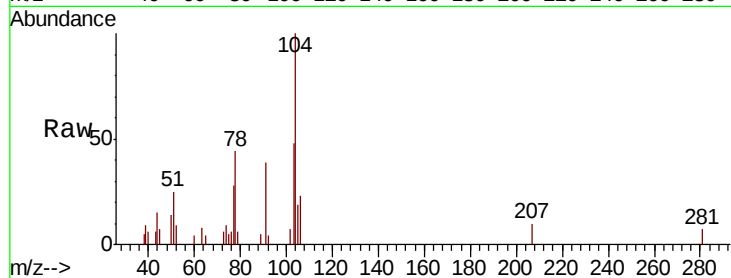
#70
Stvrene
Concen: 0.755 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.4	60.6
103	56.6	43.8	65.6

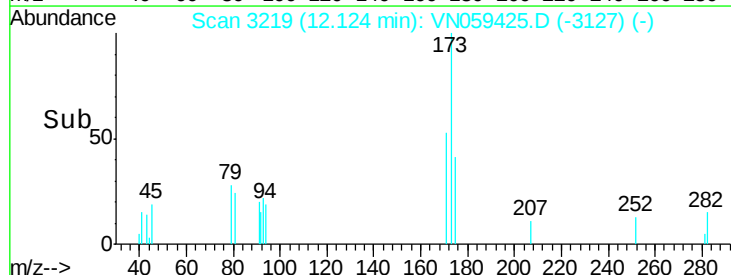
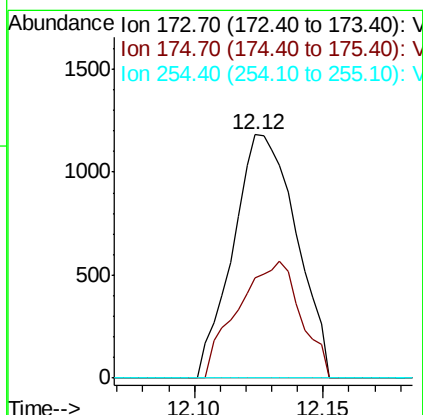
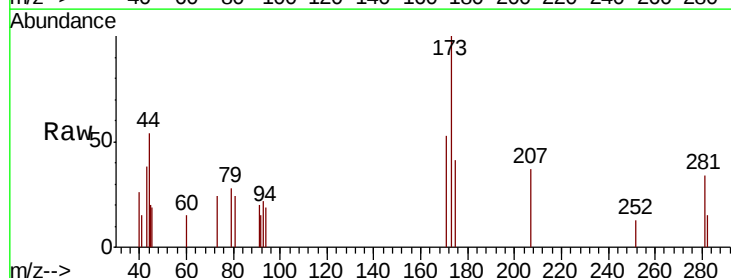
Manual Integrations
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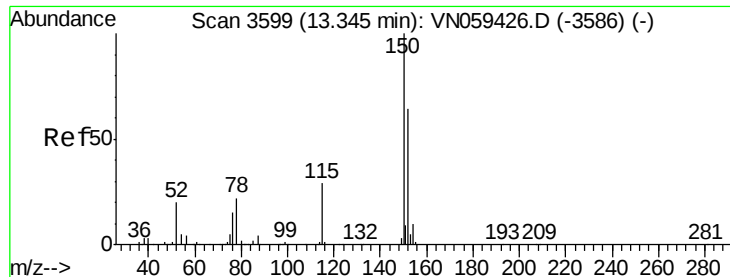
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#71
Bromoform
Concen: 0.746 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.1	72.3
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

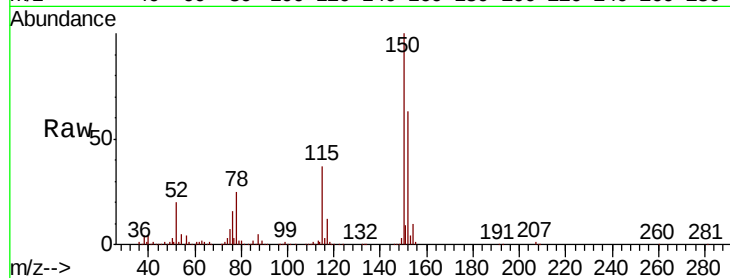
ClientSampleId :

VSTDIC001

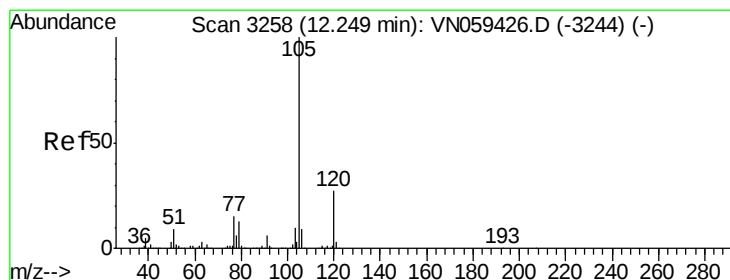
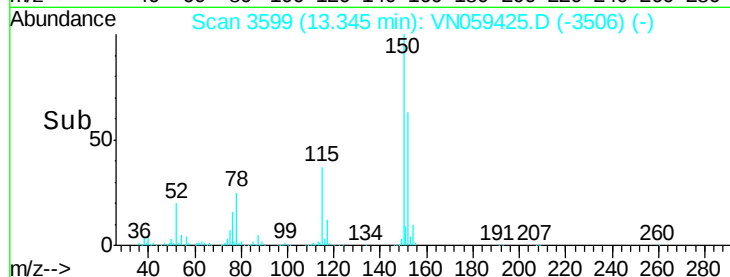
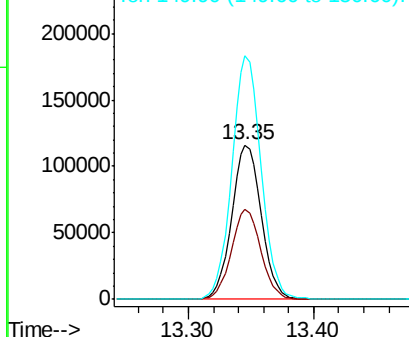
Tot Ion:	152	Resp:	189349
Ion Ratio	Lower	Upper	
152	100		
115	58.5	29.5	88.6
150	155.7	0.0	347.2

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.981 ug/l

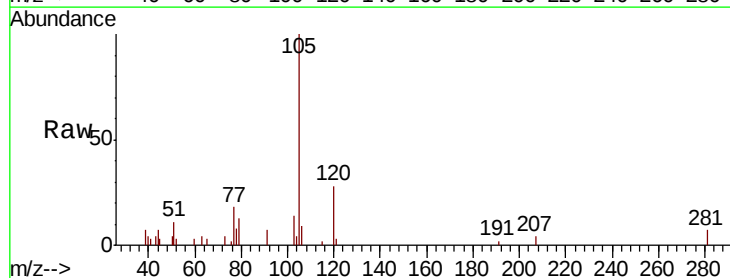
RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

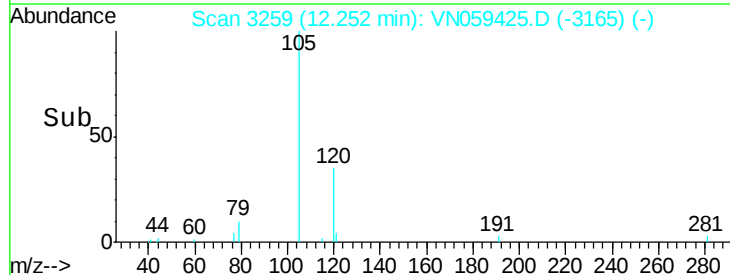
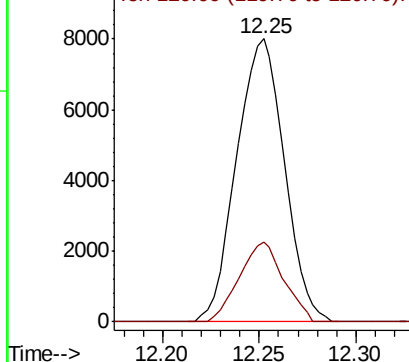
Lab File: VN059425.D

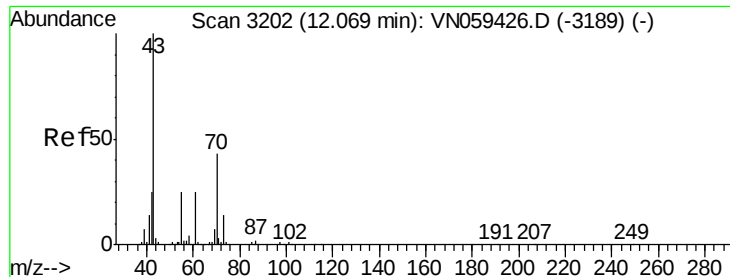
Acq: 27 Nov 2019 15:21

Tgt Ion:	105	Resp:	13758
Ion Ratio	Lower	Upper	
105	100		
120	26.0	13.2	39.6



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





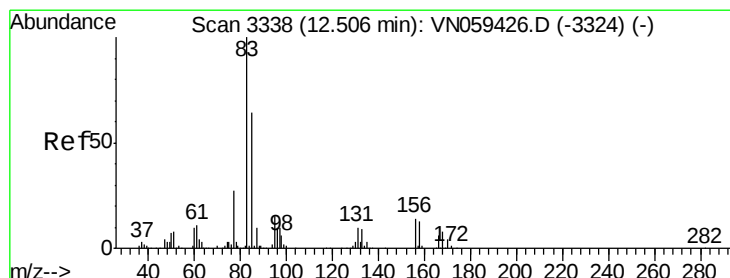
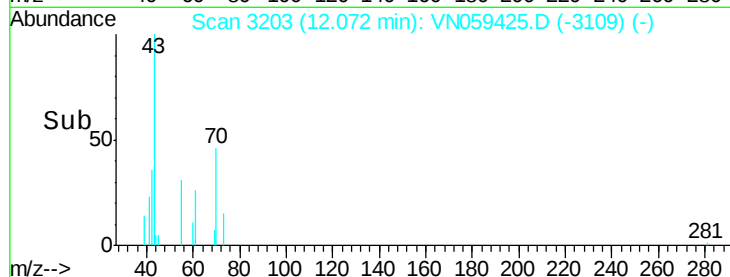
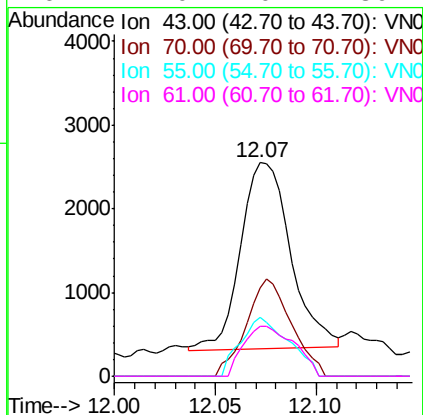
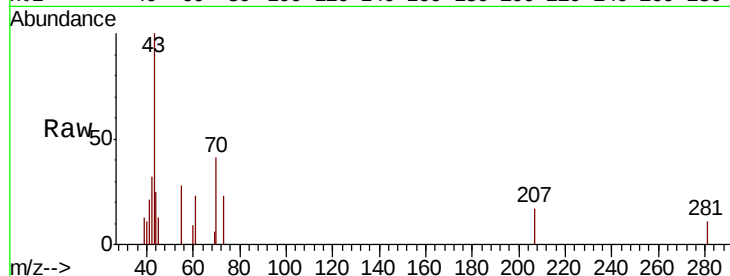
#74
N-amvl acetate
Concen: 0.735 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	46.7	34.6	52.0
55	30.4	20.5	30.7
61	27.0	20.2	30.4

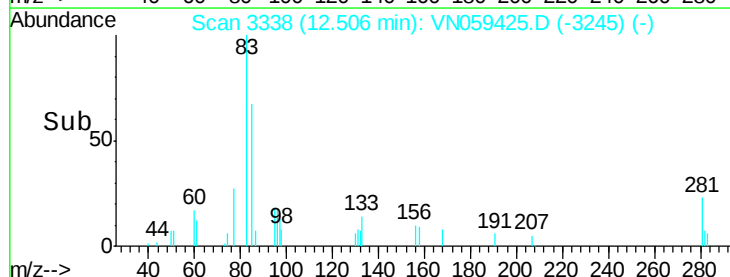
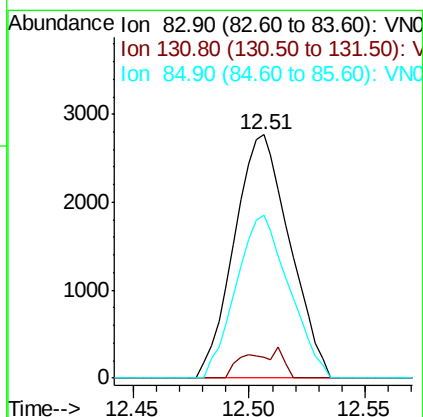
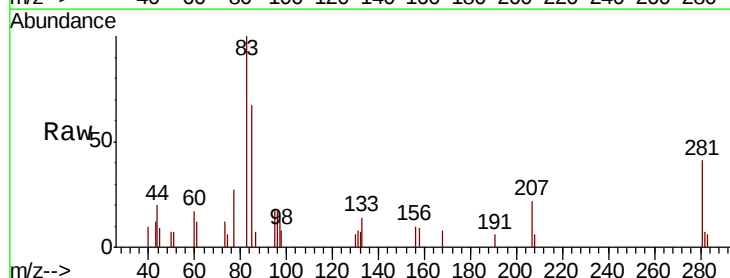
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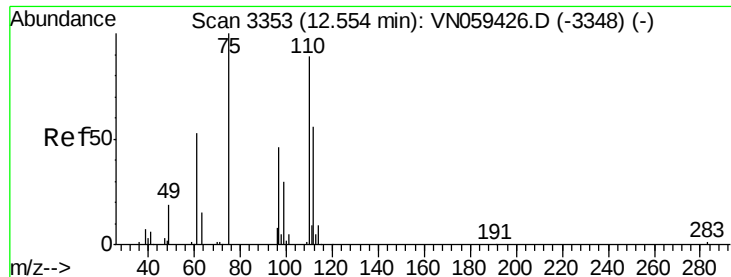
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#75
1,1,2,2-Tetrachloroethane
Concen: 1.004 ug/l
RT: 12.51 min Scan# 3338
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
83	100		
131	5.7	5.0	15.0
85	64.0	32.3	96.9





#76

1,2,3-Trichloropropane

Concen: 1.065 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 4657

Ion Ratio Lower Upper

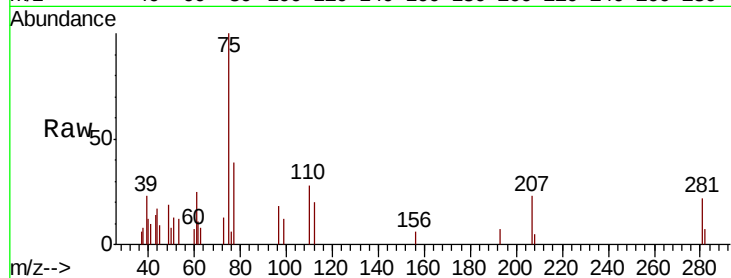
75 100

77 0.0 0.0 0.0

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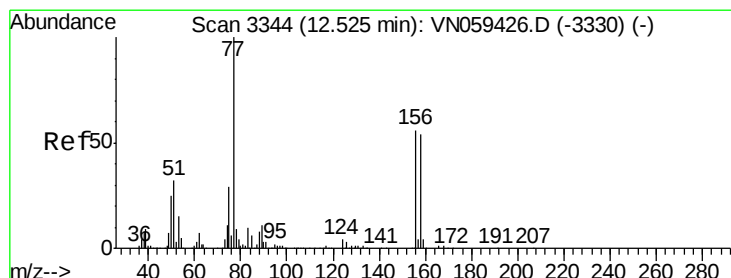
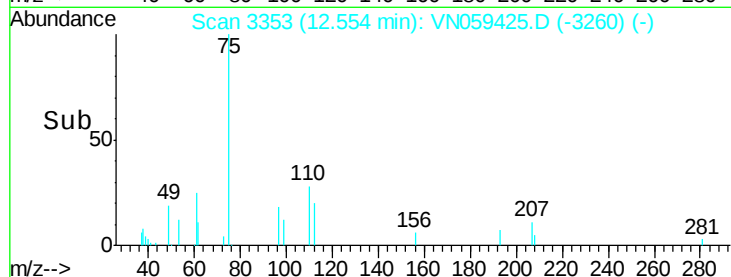
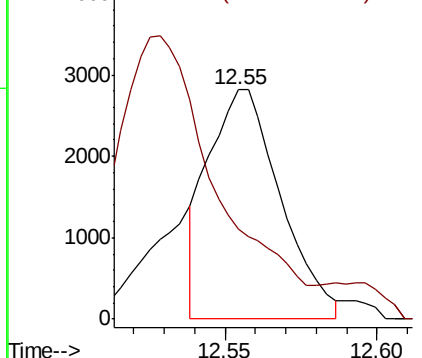
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Abundance Ion 74.90 (74.60 to 75.60): VN059426.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN059426.D (-3348) (-)



#77

Bromobenzene

Concen: 0.976 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

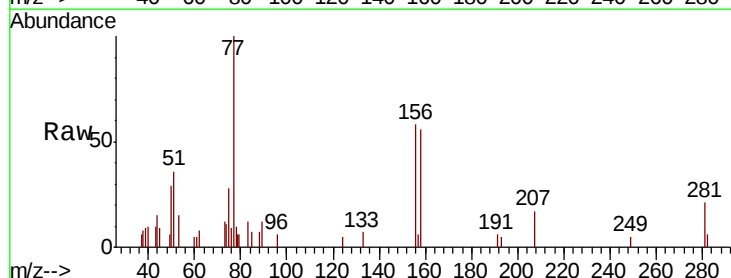
Tgt Ion: 156 Resp: 3351

Ion Ratio Lower Upper

156 100

77 244.6 108.7 326.3

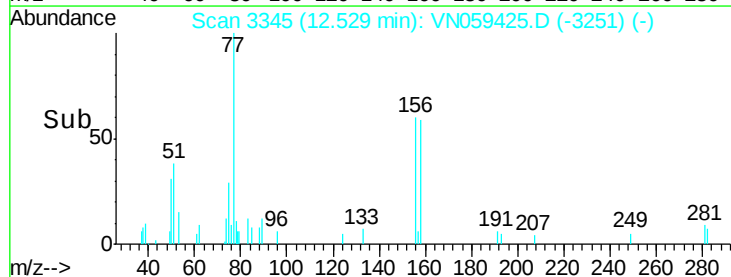
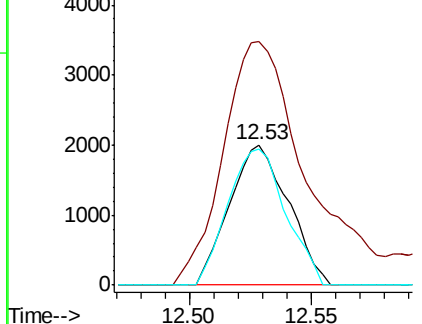
158 95.1 48.3 144.9

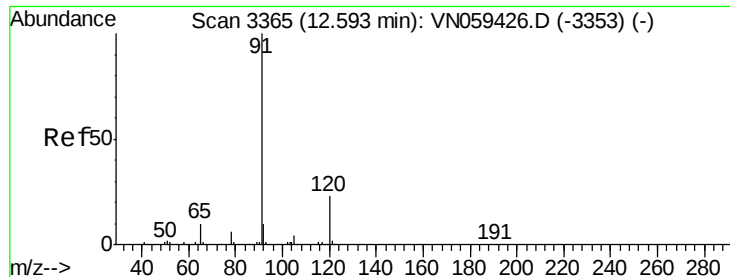


Abundance Ion 155.80 (155.50 to 156.50): VN059426.D (-3330) (-)

Ion 77.00 (76.70 to 77.70): VN059426.D (-3330) (-)

Ion 157.80 (157.50 to 158.50): VN059426.D (-3330) (-)





#78

n-propylbenzene

Concen: 0.979 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 15823

Ion Ratio Lower Upper

91 100

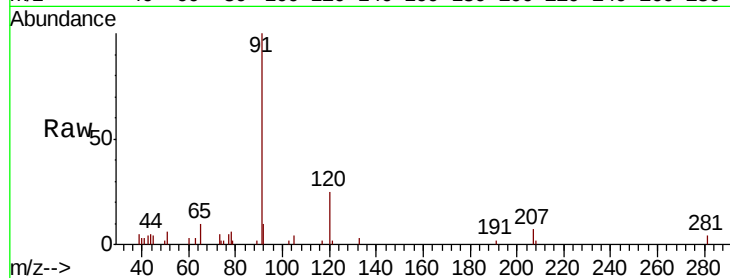
120 22.8 11.5 34.4

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Abundance Ion 91.00 (90.70 to 91.70): VN059426.D (-3353) (-)

Ion 120.00 (119.70 to 120.70): VN059426.D (-3353) (-)

12.59

10000

8000

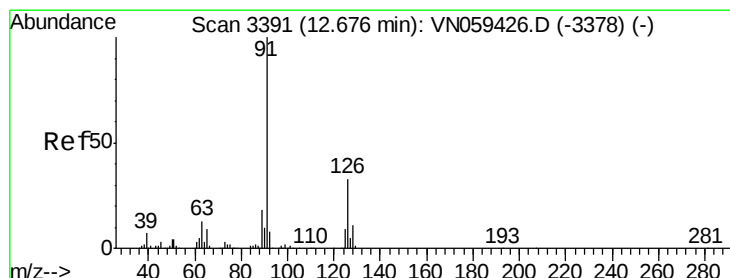
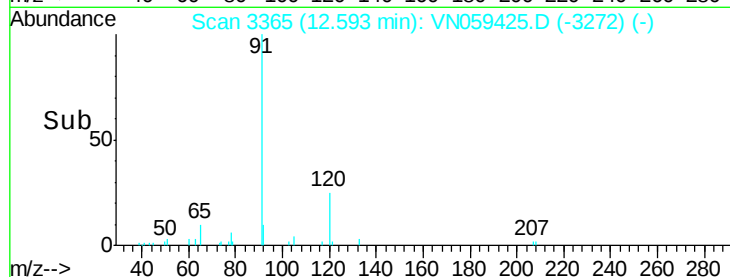
6000

4000

2000

0

Time-->



#79

2-Chlorotoluene

Concen: 0.992 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059425.D

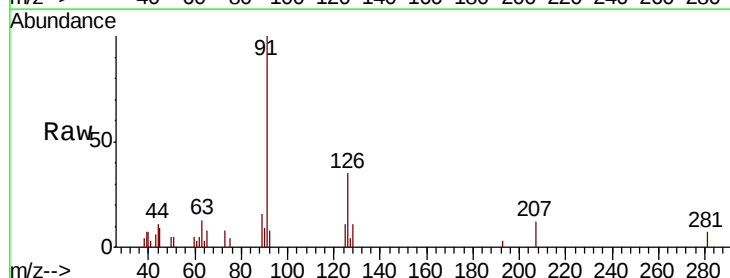
Acq: 27 Nov 2019 15:21

Tgt Ion: 91 Resp: 9591

Ion Ratio Lower Upper

91 100

126 33.7 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059426.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059426.D (-3378) (-)

12.68

6000

5000

4000

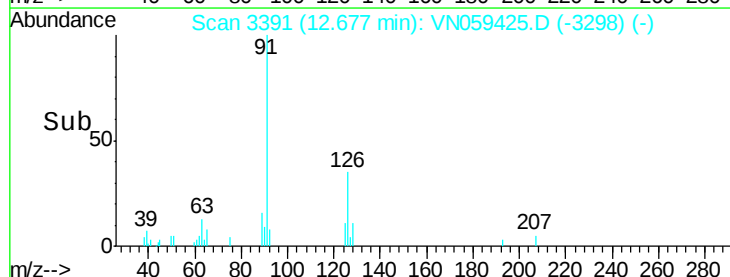
3000

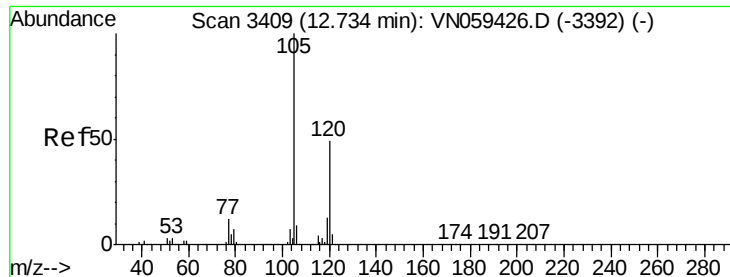
2000

1000

0

Time-->





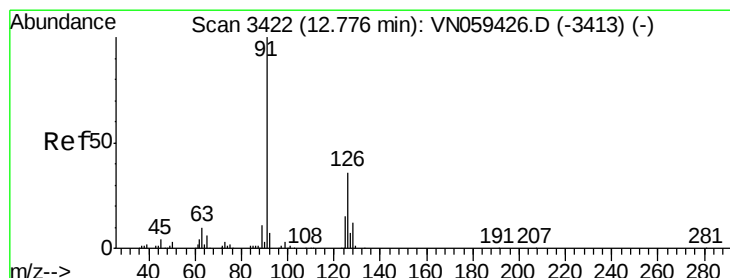
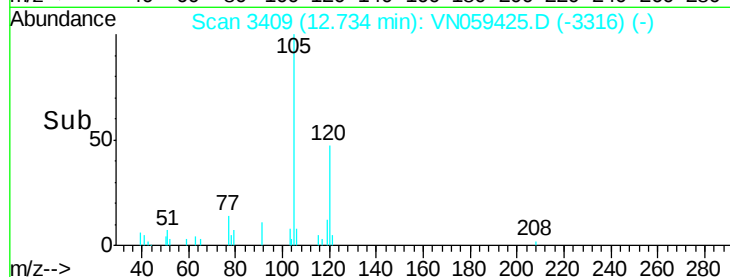
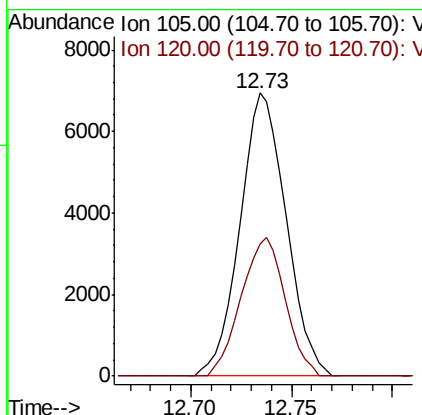
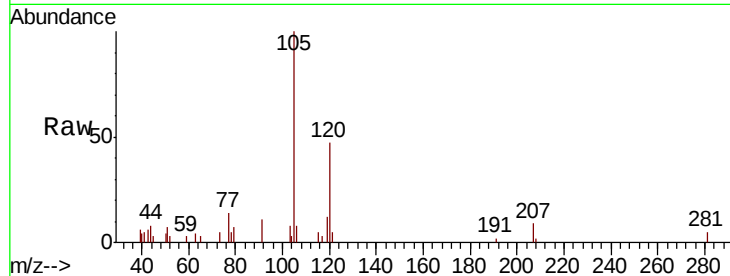
#80
 1,3,5-Trimethylbenzene
 Concen: 0.944 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.6	24.6	73.8

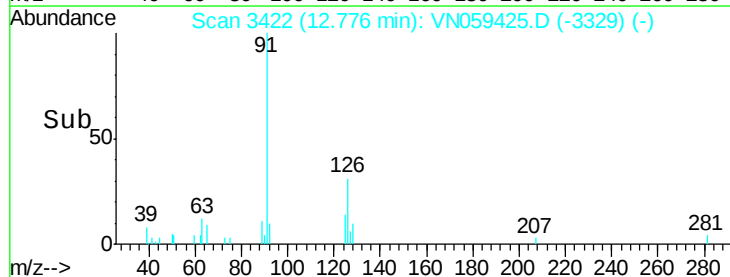
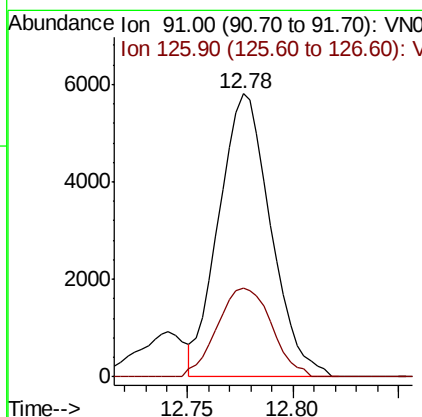
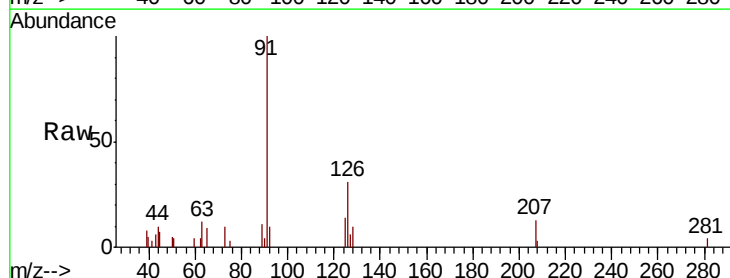
Manual Integrations
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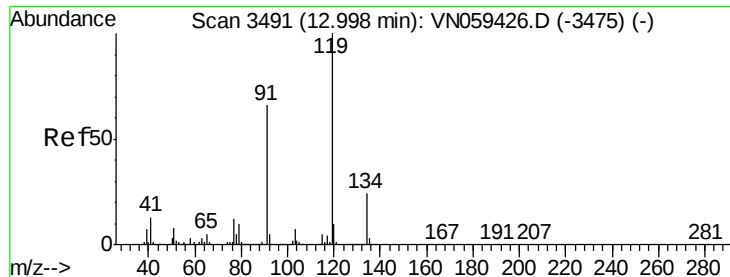
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#82
 4-Chlorotoluene
 Concen: 0.994 ug/l
 RT: 12.78 min Scan# 3422
 Delta R.T. 0.00 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.0





#83

tert-Butylbenzene

Concen: 0.968 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

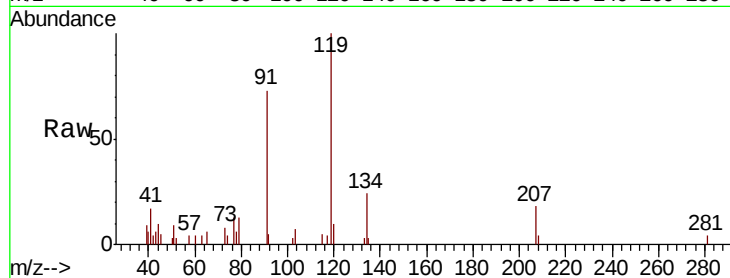
ClientSampleId :

VSTDIC001

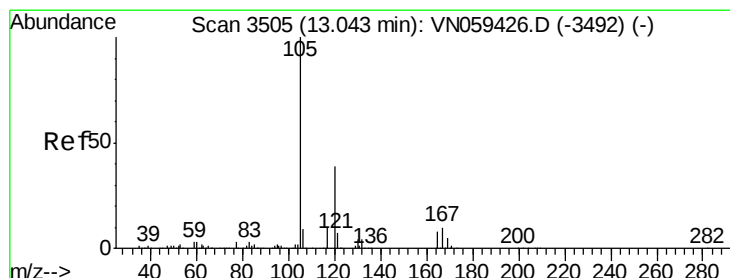
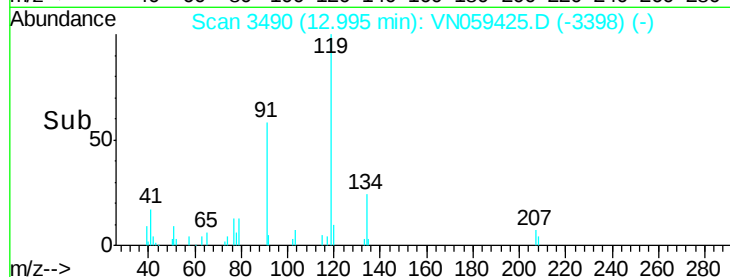
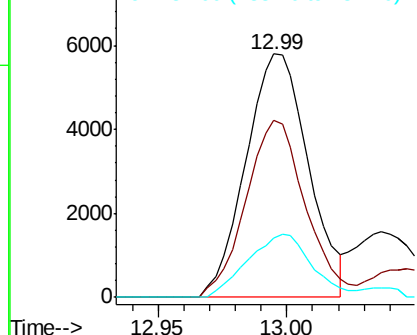
Tot Ion:	119	Resp:	9804
Ion Ratio	Lower	Upper	
119	100		
91	69.5	32.8	98.4
134	26.8	12.9	38.6

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



#84

1,2,4-Trimethylbenzene

Concen: 0.921 ug/l

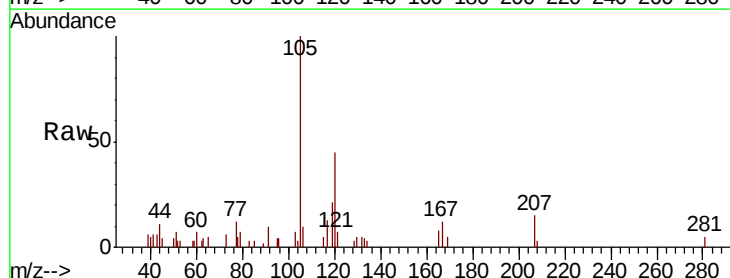
RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

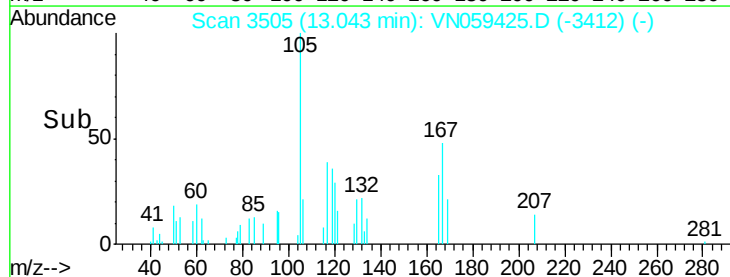
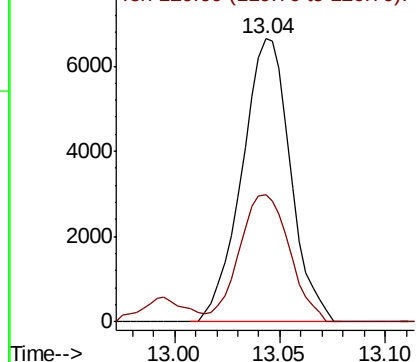
Lab File: VN059425.D

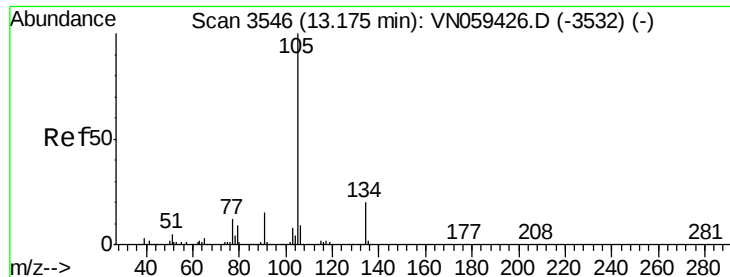
Acq: 27 Nov 2019 15:21

Tgt Ion:	105	Resp:	10640
Ion Ratio	Lower	Upper	
105	100		
120	46.4	22.9	68.7



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





#85

sec-Butylbenzene

Concen: 0.926 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Instrument :

MSVOA_N

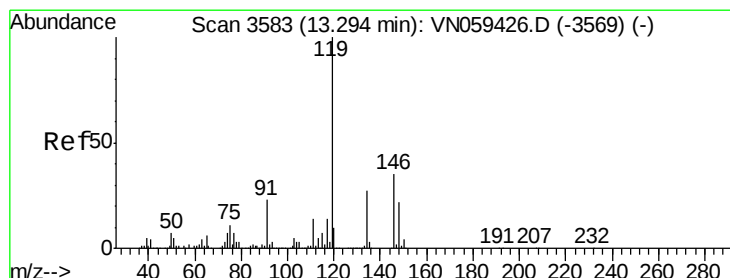
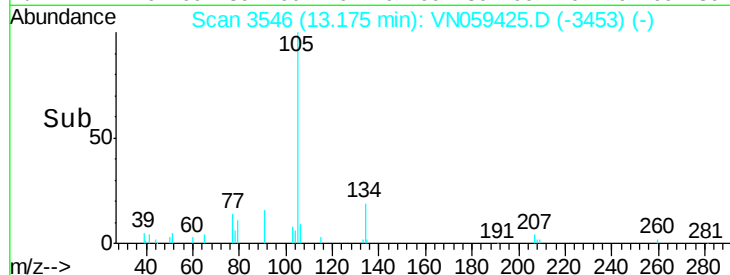
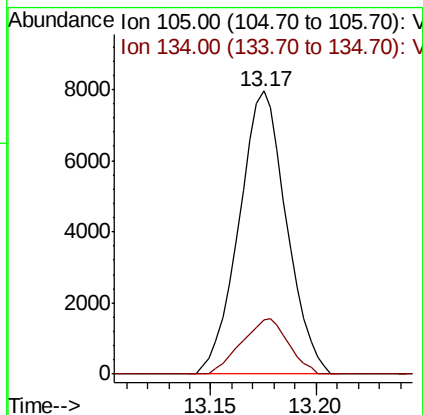
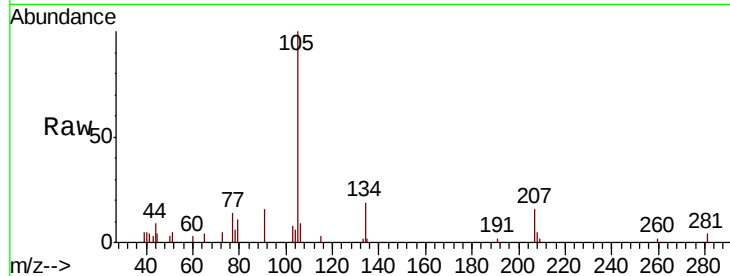
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.9	29.7

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#86

p-Isopropyltoluene

Concen: 0.970 ug/l

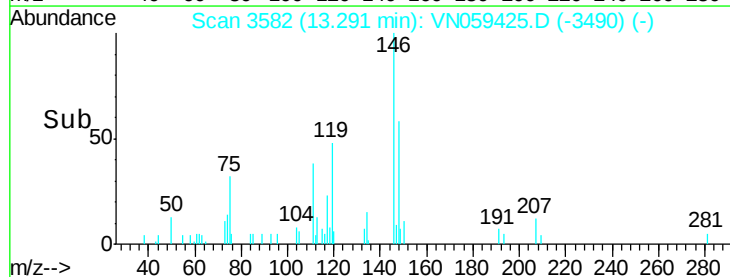
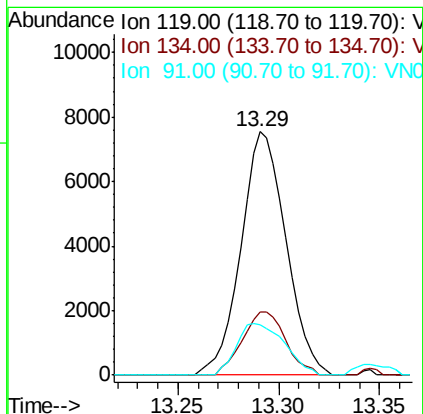
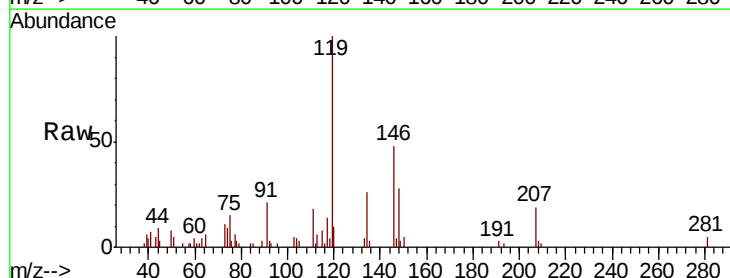
RT: 13.29 min Scan# 3582

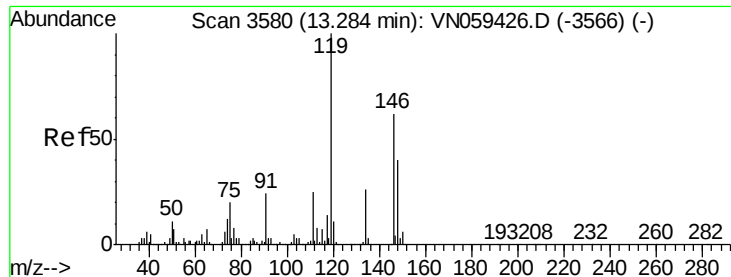
Delta R.T. -0.00 min

Lab File: VN059425.D

Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.3	39.8
91	22.6	11.5	34.4





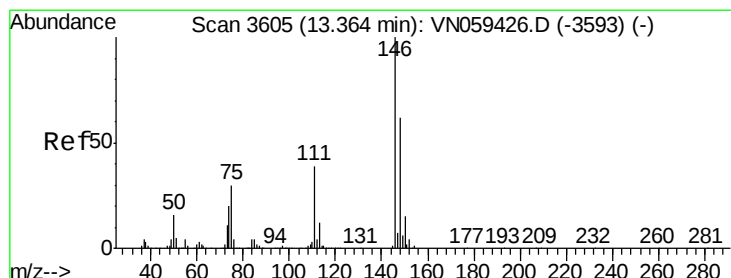
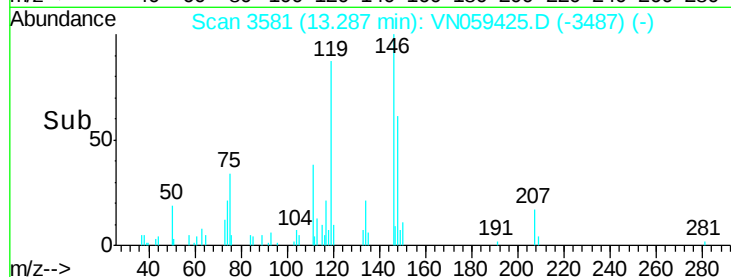
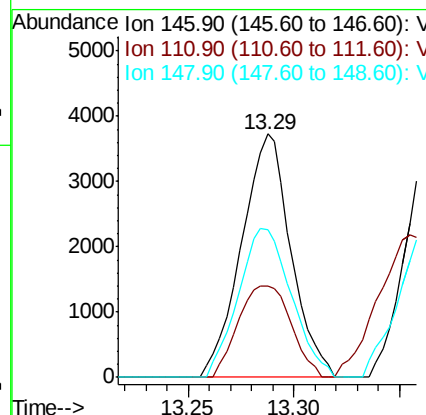
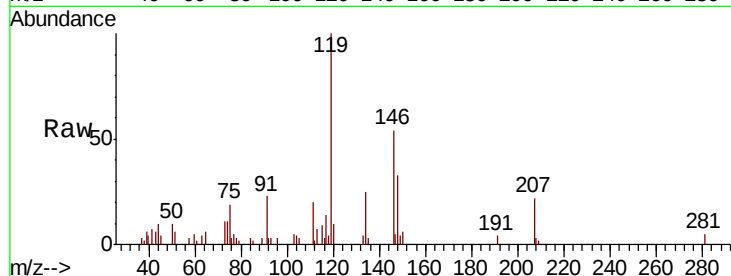
#87
 1,3-Dichlorobenzene
 Concen: 0.995 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.2
148	65.7	32.1	96.3

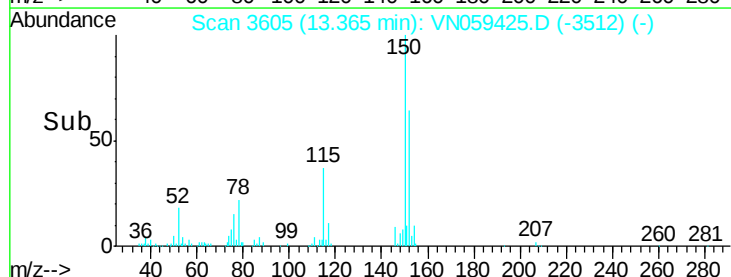
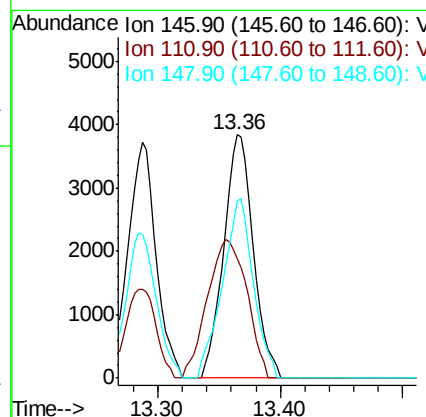
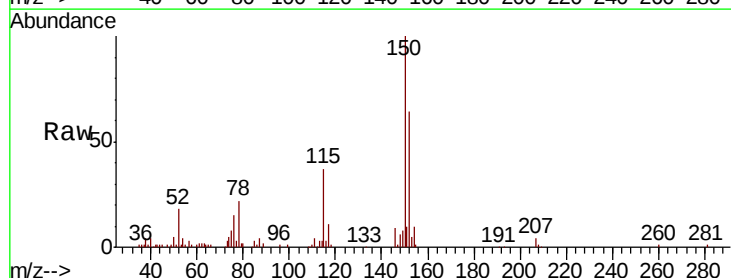
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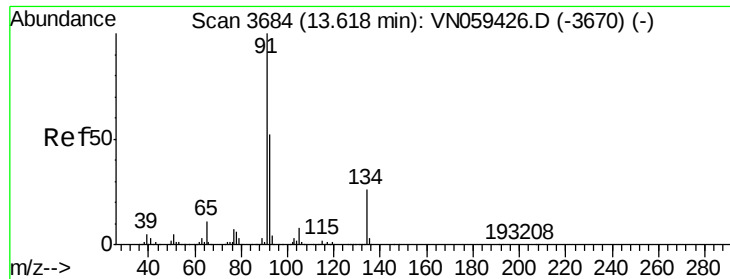
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#88
 1,4-Dichlorobenzene
 Concen: 1.058 ug/l m
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.9	59.7
148	61.6	31.6	95.0





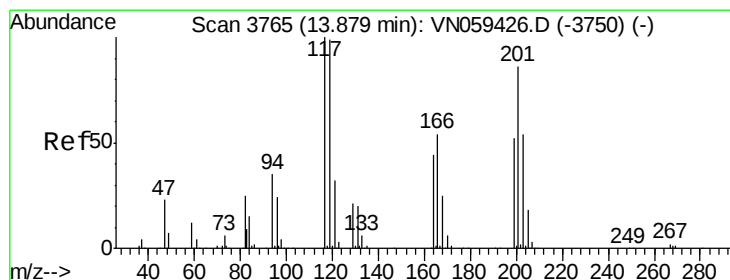
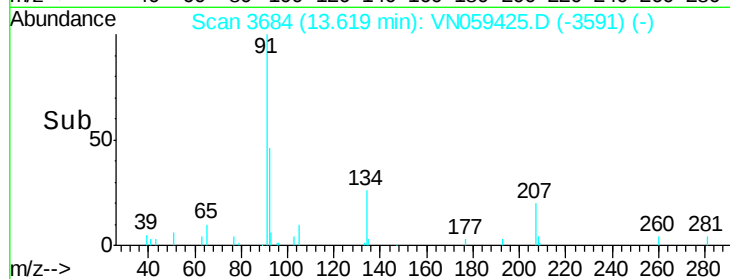
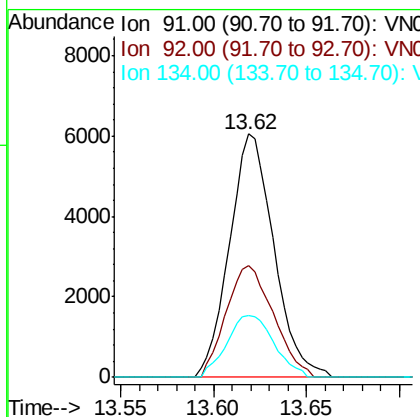
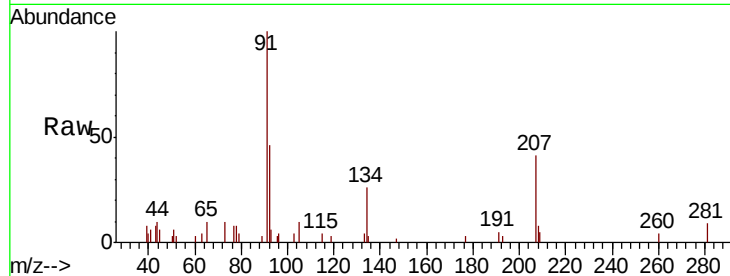
#89
n-Butylbenzene
Concen: 0.948 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	48.9	25.9	77.8	
134	27.0	12.8	38.4	

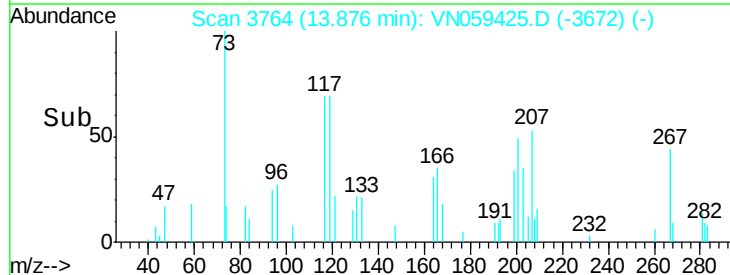
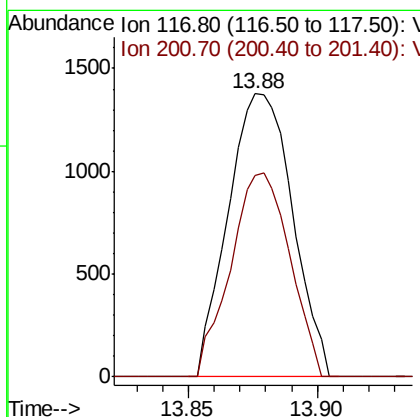
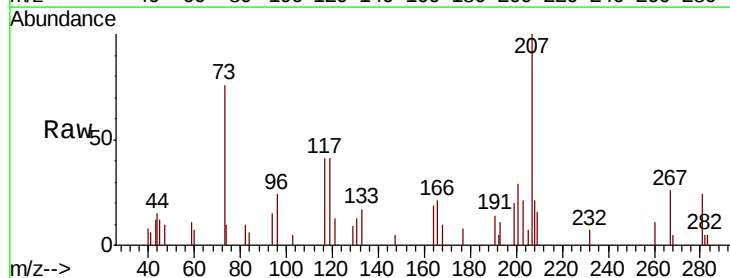
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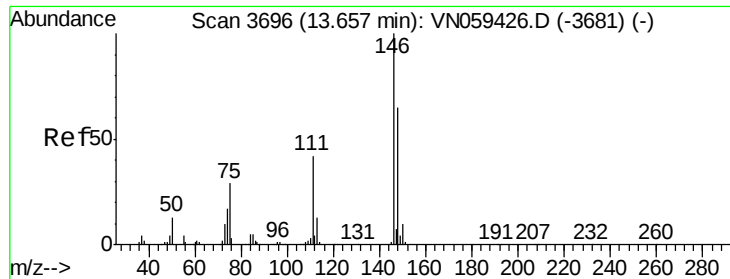
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#90
Hexachloroethane
Concen: 1.029 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	66.1	42.1	126.4	





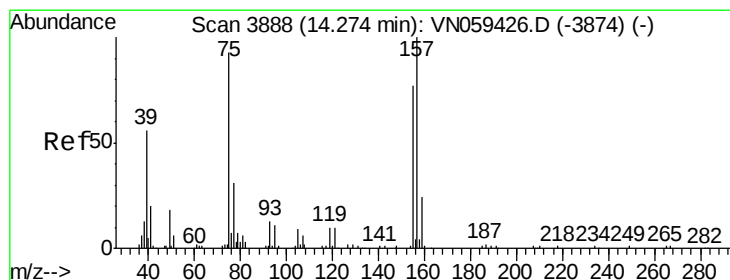
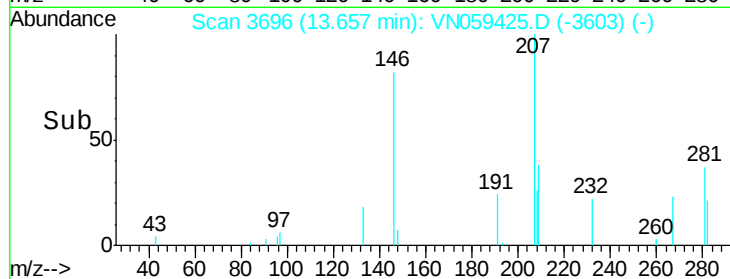
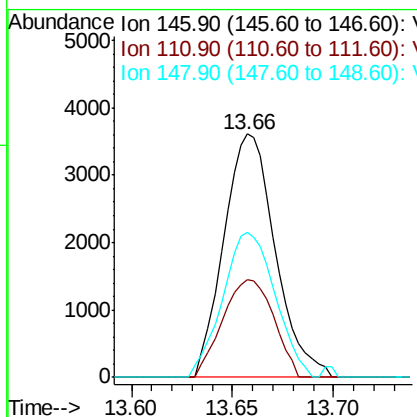
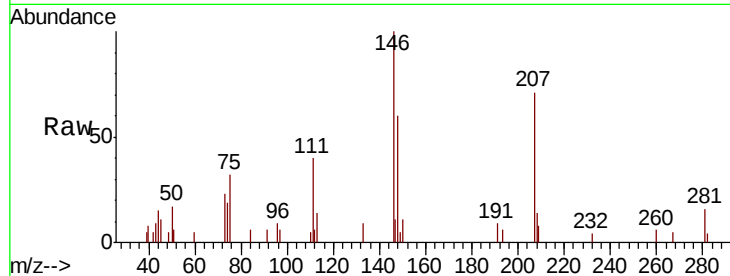
#91
 1,2-Dichlorobenzene
 Concen: 1.076 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.3	63.7
148	60.8	32.0	96.2

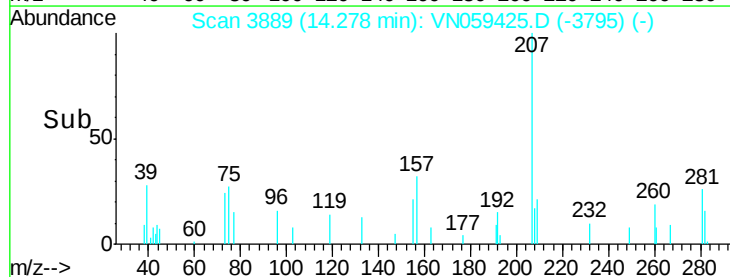
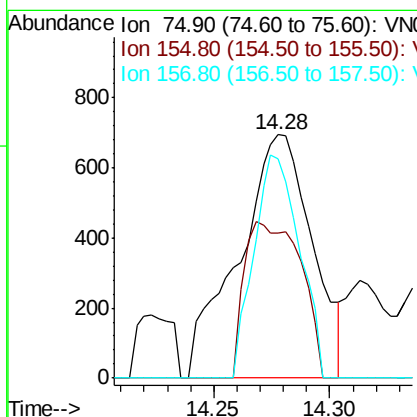
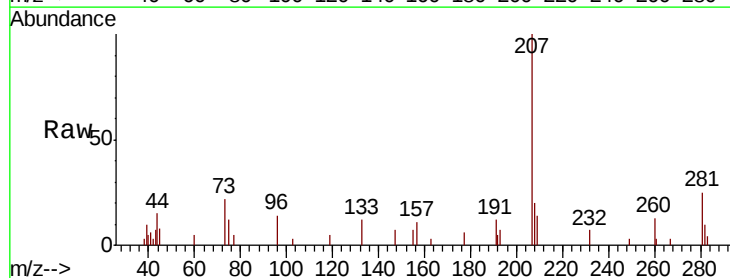
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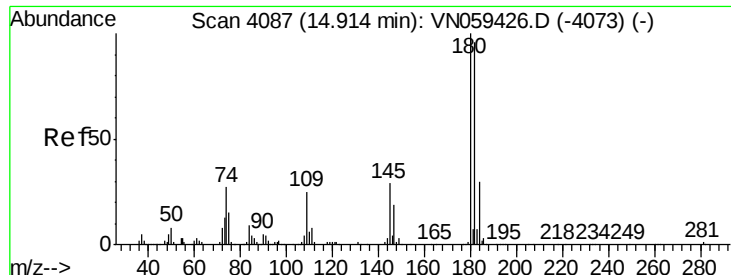
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.474 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	49.1	41.9	125.8
157	56.6	54.1	162.3





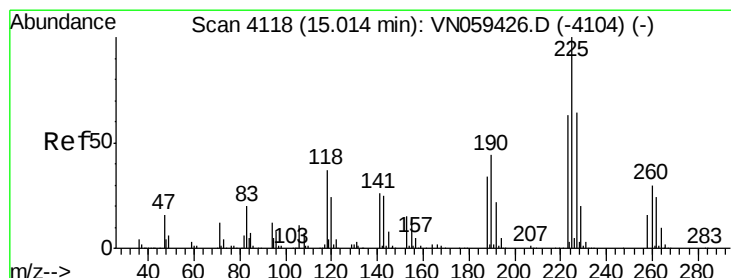
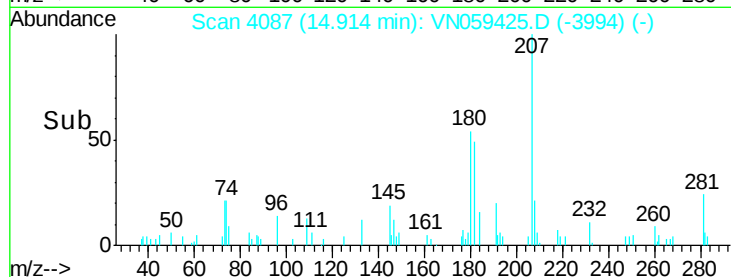
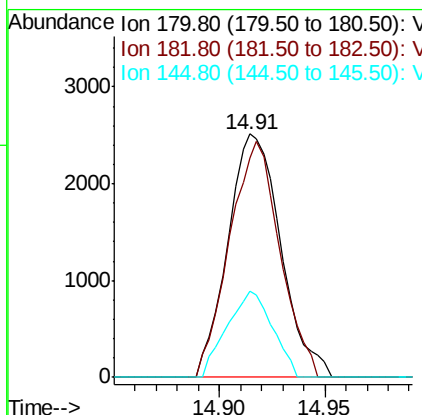
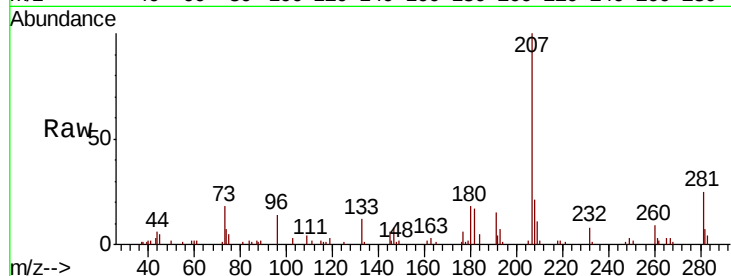
#93
 1,2,4-Trichlorobenzene
 Concen: 1.182 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.3	142.0
145	30.4	14.8	44.4

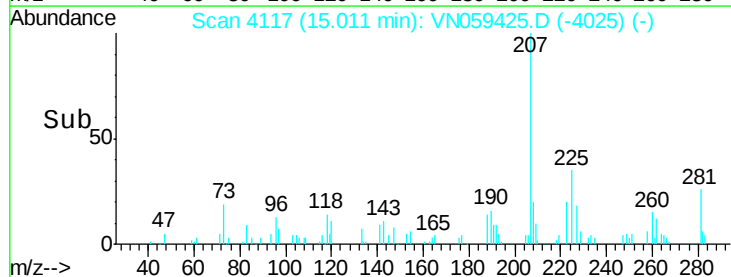
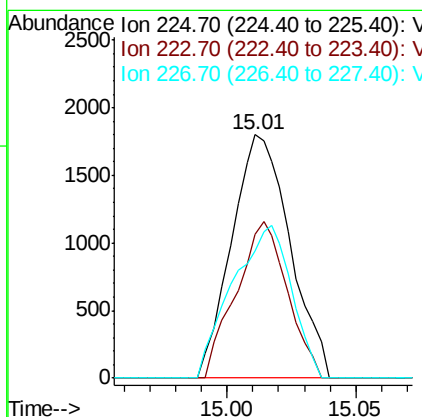
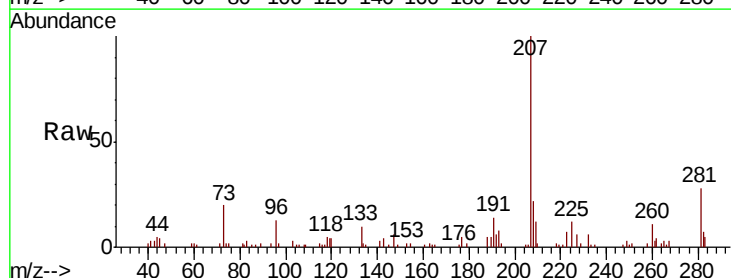
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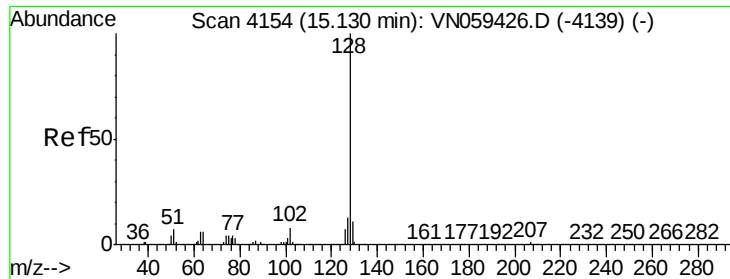
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#94
 Hexachlorobutadiene
 Concen: 1.249 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059425.D
 Acq: 27 Nov 2019 15:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.5	31.5	94.5
227	63.6	31.9	95.7





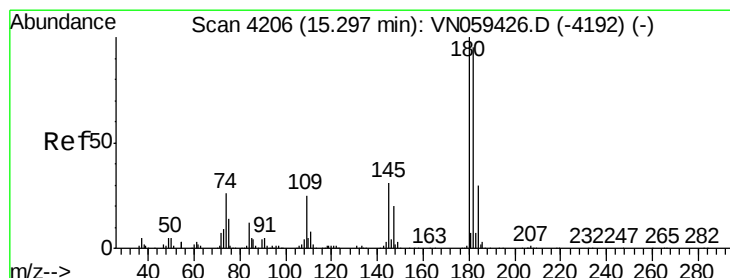
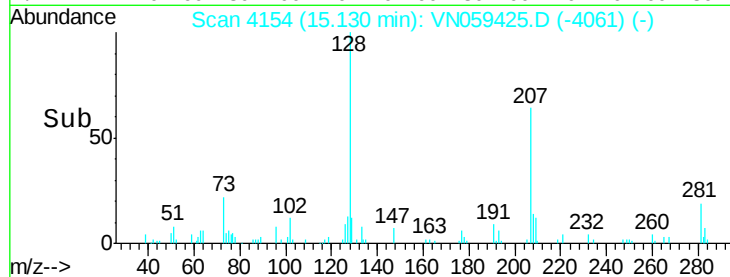
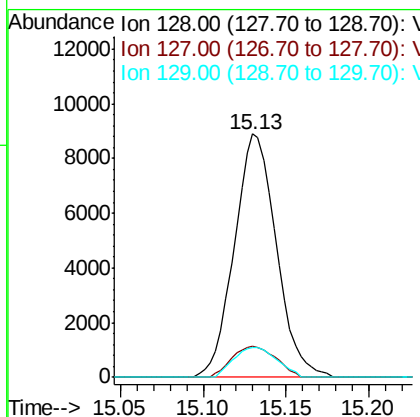
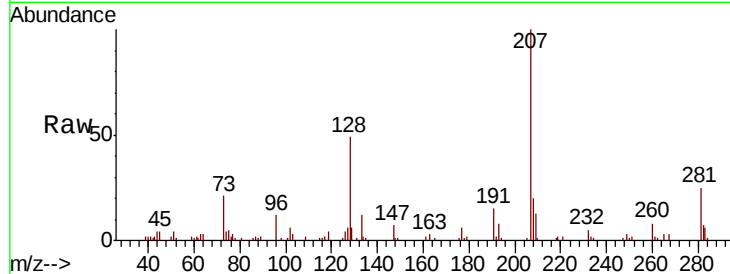
#95
Naphthalene
Concen: 1.499 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:128	Resp:	15701
Ion Ratio	Lower	Upper
128 100		
127 13.4	10.1	15.1
129 12.7	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 1.431 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN059425.D
Acq: 27 Nov 2019 15:21

Tgt Ion:180	Resp:	5649
Ion Ratio	Lower	Upper
180 100		
182 86.3	47.5	142.6
145 36.5	15.7	47.1

