

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121119\
 Data File : VN059564.D
 Acq On : 11 Dec 2019 16:08
 Operator : JC/SP
 Sample : VN1211WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:25:37 AM

Quant Time: Dec 12 01:32:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	277743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	447703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	406812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	209426	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
35) Dibromofluoromethane	7.57	113	148026	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.08	98	569900	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.40	95	202725	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	64198	20.040	ug/l	97
3) Chloromethane	2.04	50	100985	20.824	ug/l	100
4) Vinyl Chloride	2.17	62	98754	20.661	ug/l	100
5) Bromomethane	2.54	94	57933	19.899	ug/l	96
6) Chloroethane	2.68	64	58006	20.323	ug/l	97
7) Trichlorofluoromethane	2.99	101	123017	21.530	ug/l	99
8) Diethyl Ether	3.39	74	36088	18.429	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	58012	19.509	ug/l	98
10) Methyl Iodide	3.92	142	72449	17.993	ug/l	97
11) Tert butyl alcohol	4.75	59	76982	119.874	ug/l #	87
12) 1,1-Dichloroethene	3.71	96	55141	19.075	ug/l	96
13) Acrolein	3.58	56	43370	138.780	ug/l	98
14) Allyl chloride	4.29	41	110393	19.852	ug/l	98
15) Acrylonitrile	4.95	53	174045	102.757	ug/l	100
16) Acetone	3.79	43	225806	124.524	ug/l	99
17) Carbon Disulfide	4.02	76	173723	18.624	ug/l	100
18) Methyl Acetate	4.30	43	93409	19.620	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	197882	20.593	ug/l	99
20) Methylene Chloride	4.52	84	66647	20.232	ug/l	96
21) trans-1,2-Dichloroethene	5.00	96	61272	19.748	ug/l	95
22) Diisopropyl ether	5.92	45	219165	20.703	ug/l	99
23) Vinyl Acetate	5.86	43	935729	105.962	ug/l	100
24) 1,1-Dichloroethane	5.82	63	123834	20.603	ug/l	99
25) 2-Butanone	6.81	43	276739	113.379	ug/l	99
26) 2,2-Dichloropropane	6.80	77	111211	20.481	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	69595	19.942	ug/l	99
28) Bromochloromethane	7.17	49	51746	24.255	ug/l	98
29) Tetrahydrofuran	7.19	42	174704	102.900	ug/l	99
30) Chloroform	7.35	83	120526	20.318	ug/l	95
31) Cyclohexane	7.63	56	113688	19.436	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	107213	20.373	ug/l	99
36) 1,1-Dichloropropene	7.77	75	91877	20.003	ug/l	99
37) Ethyl Acetate	6.90	43	105776	20.678	ug/l	99
38) Carbon Tetrachloride	7.75	117	94161	20.798	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	102285	19.852	ug/l	97
40) Benzene	8.02	78	266189	20.286	ug/l	100
41) Methacrylonitrile	7.16	41	46378m	20.777	ug/l	
42) 1,2-Dichloroethane	8.10	62	103468	21.164	ug/l	99
43) Isopropyl Acetate	8.15	43	162783	20.530	ug/l	99
44) Trichloroethene	8.82	130	67542	20.375	ug/l	97
45) 1,2-Dichloropropane	9.10	63	73441	21.128	ug/l	99
46) Dibromomethane	9.19	93	47298	20.589	ug/l	98
47) Bromodichloromethane	9.39	83	96056	21.039	ug/l	98
48) Methyl methacrylate	9.18	41	71947	20.753	ug/l	98
49) 1,4-Dioxane	9.19	88	23726	534.884	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	516902	102.123	ug/l	99
52) Toluene	10.14	92	160656	20.549	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	106115	19.948	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	112559	20.674	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	64157	20.290	ug/l	98
56) Ethyl methacrylate	10.42	69	93724	18.602	ug/l	99
57) 1,3-Dichloropropane	10.70	76	112206	20.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	158549	122.398	ug/l	100
59) 2-Hexanone	10.74	43	382834	100.823	ug/l	99
60) Dibromochloromethane	10.90	129	69115	18.978	ug/l	99
61) 1,2-Dibromoethane	11.00	107	65400	19.868	ug/l	98
64) Tetrachloroethene	10.63	164	59242	19.925	ug/l	96
65) Chlorobenzene	11.43	112	167844	19.691	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	64604	20.321	ug/l	97
67) Ethyl Benzene	11.51	91	305843	19.939	ug/l	99
68) m/p-Xylenes	11.62	106	225272	39.150	ug/l	97
69) o-Xylene	11.94	106	107522	20.076	ug/l	96
70) Styrene	11.96	104	171372	19.314	ug/l	98
71) Bromoform	12.12	173	48105	19.231	ug/l #	99
73) Isopropylbenzene	12.25	105	287161	19.853	ug/l	100
74) N-amyl acetate	12.07	43	131425	20.859	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	97100	19.811	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	102605m	20.807	ug/l	
77) Bromobenzene	12.52	156	70480	19.572	ug/l	94
78) n-propylbenzene	12.59	91	346164	19.476	ug/l	99
79) 2-Chlorotoluene	12.67	91	202505	19.107	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	245642	19.804	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	34832	19.005	ug/l #	84
82) 4-Chlorotoluene	12.77	91	208202	19.212	ug/l	99
83) tert-Butylbenzene	12.99	119	201844	19.514	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	247790	20.232	ug/l	97
85) sec-Butylbenzene	13.17	105	284003	19.990	ug/l	99
86) p-Isopropyltoluene	13.29	119	253692	19.979	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	126529	19.077	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	124572	19.181	ug/l	97
89) n-Butylbenzene	13.62	91	237811	19.946	ug/l	97
90) Hexachloroethane	13.87	117	46402	19.898	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	122034	19.606	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23263	21.918	ug/l	89

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QLast Update : Tue Dec 10 01:09:52 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	79235	18.405	ug/l	99
94) Hexachlorobutadiene	15.01	225	41323	18.789	ug/l	97
95) Naphthalene	15.13	128	229284	18.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	79250	20.398	ug/l	100

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

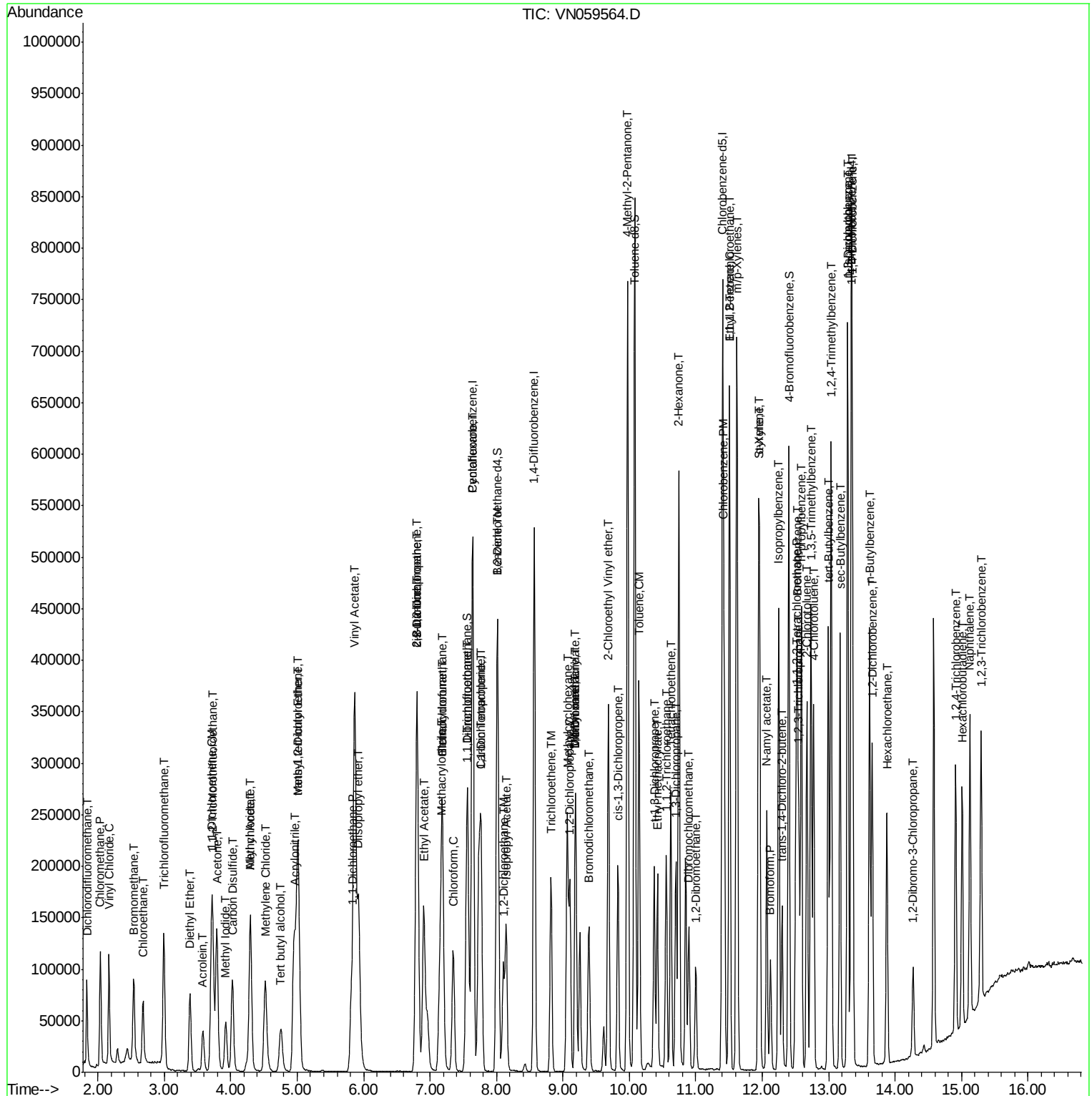
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121119\
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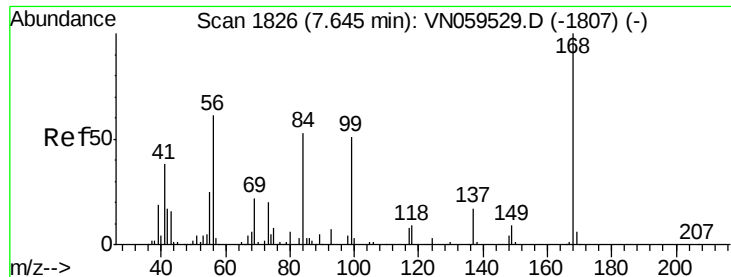
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

Tot Ion:168 Resp: 277743

Ion Ratio Lower Upper

168 100

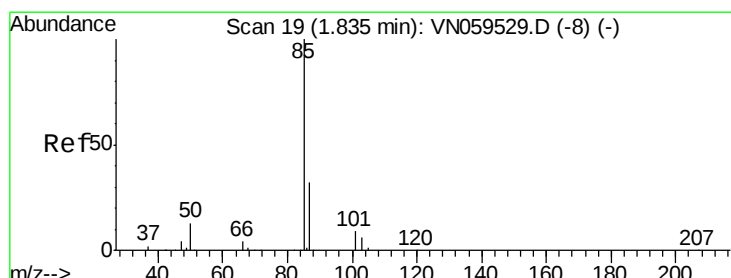
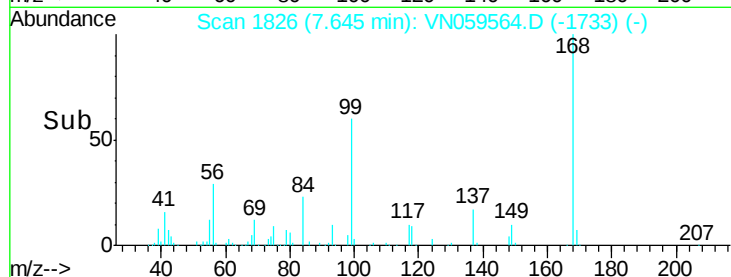
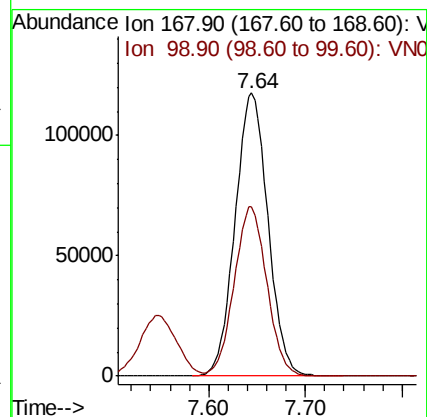
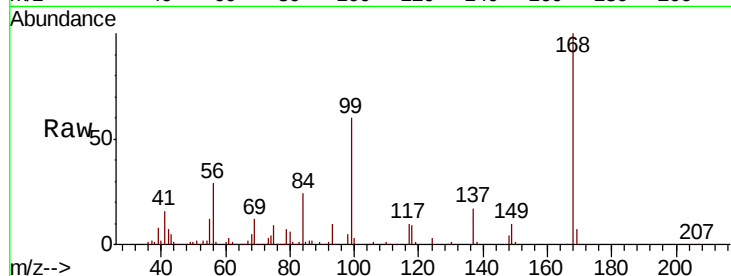
99 59.7 46.6 70.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.040 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059564.D

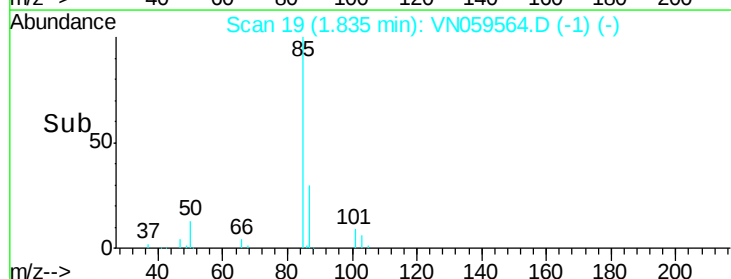
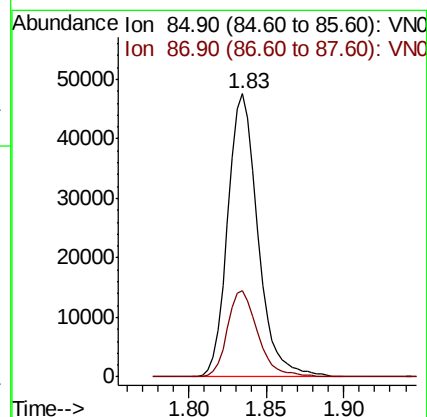
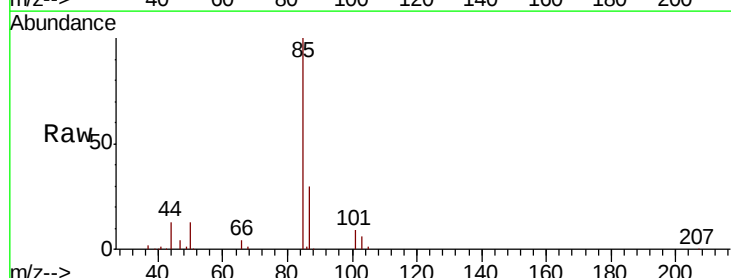
Acq: 11 Dec 2019 16:08

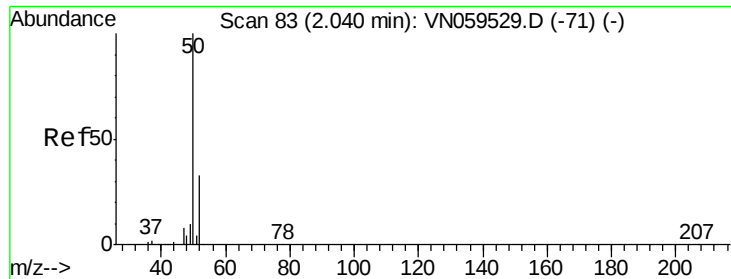
Tgt Ion: 85 Resp: 64198

Ion Ratio Lower Upper

85 100

87 30.3 16.0 48.0





#3

Chloromethane

Concen: 20.824 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

Tot Ion: 50 Resp: 100985

Ion Ratio Lower Upper

50 100

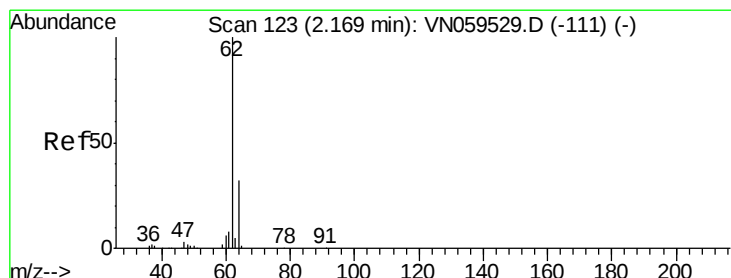
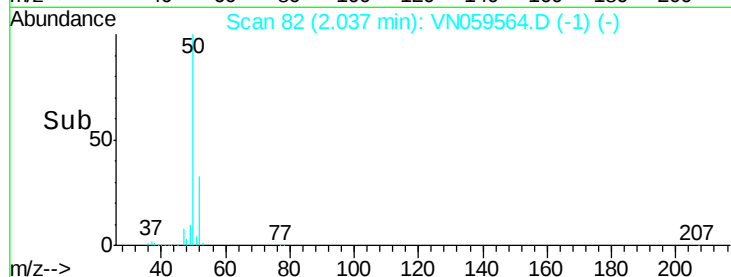
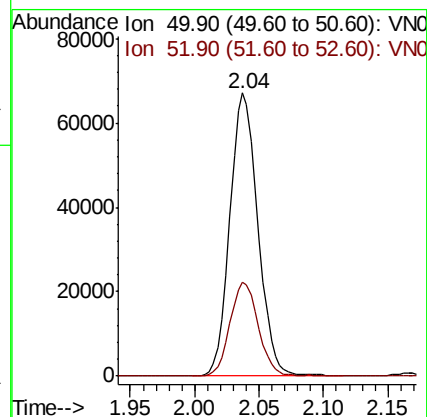
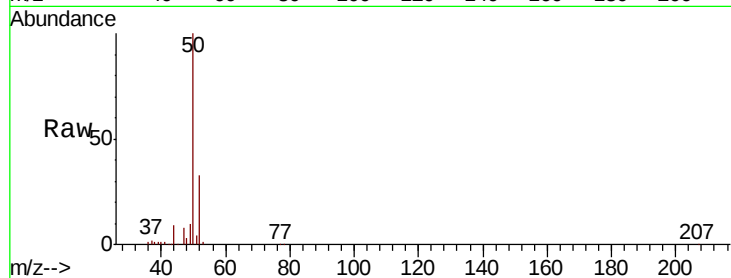
52 33.0 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.661 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN059564.D

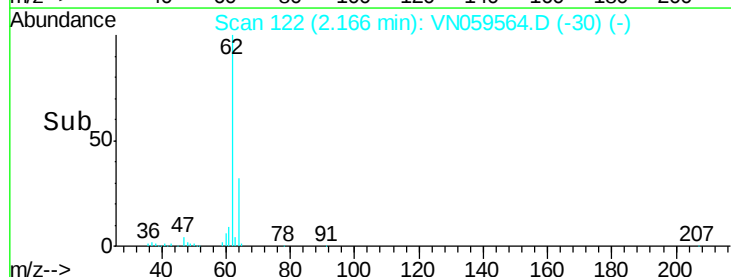
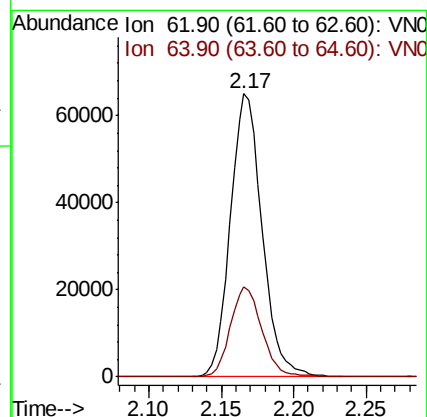
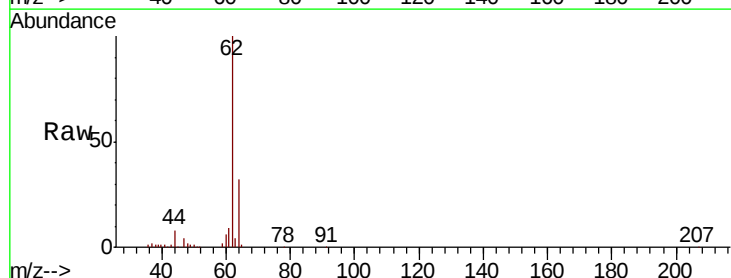
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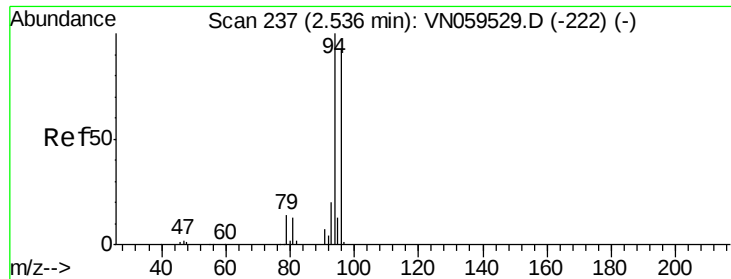
Tgt Ion: 62 Resp: 98754

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 19.899 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 57933

Ion Ratio Lower Upper

94 100

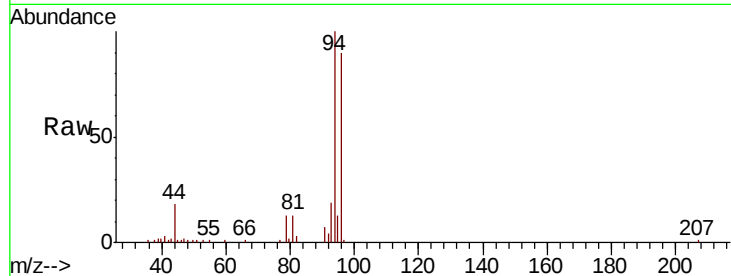
96 89.4 74.6 112.0

Manual Integrations

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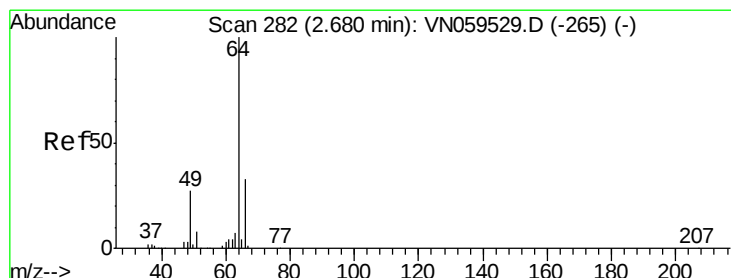
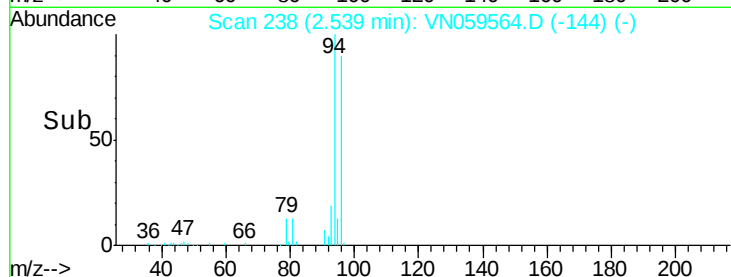
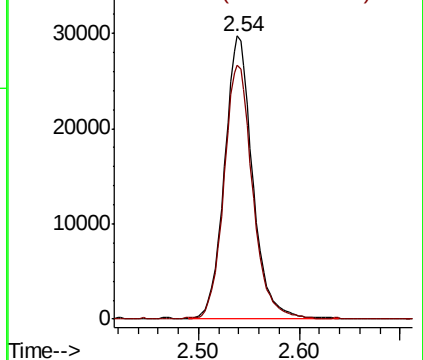
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 20.323 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN059564.D

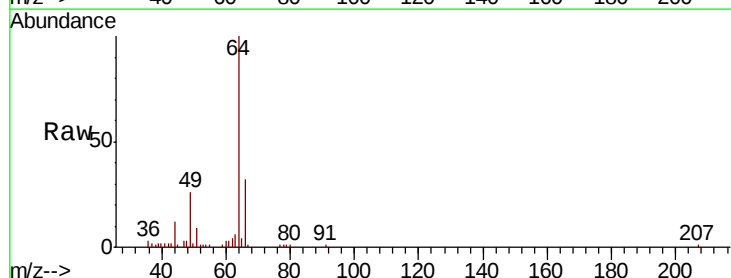
Acq: 11 Dec 2019 16:08

Tgt Ion: 64 Resp: 58006

Ion Ratio Lower Upper

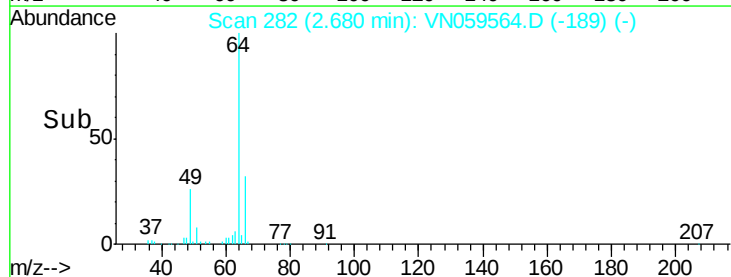
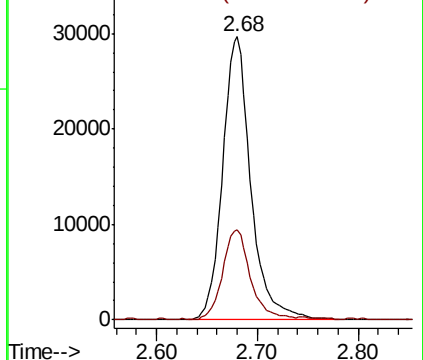
64 100

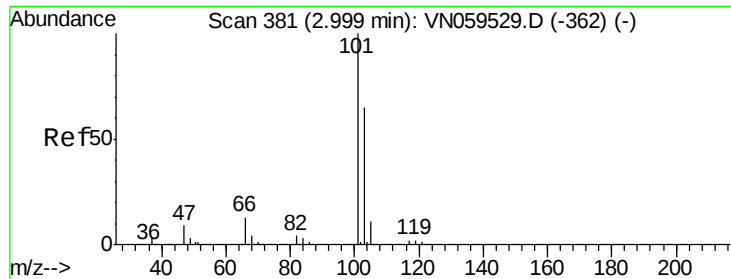
66 31.9 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

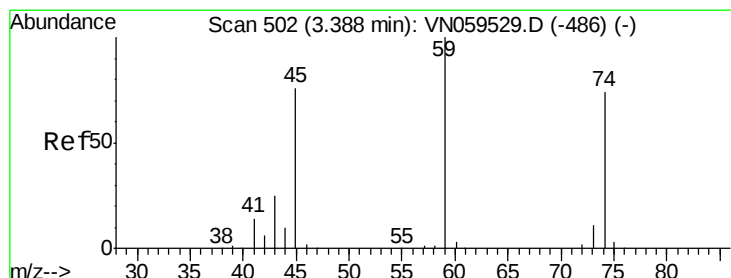
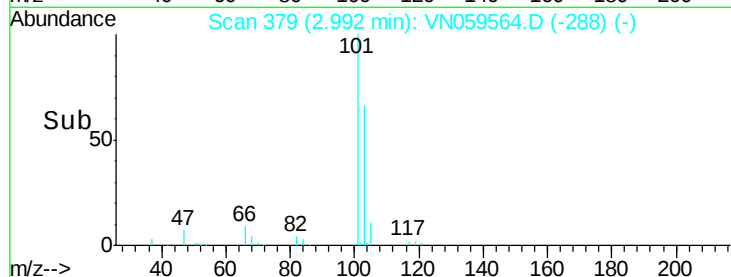
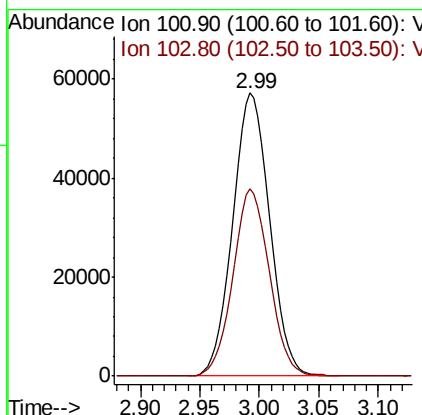
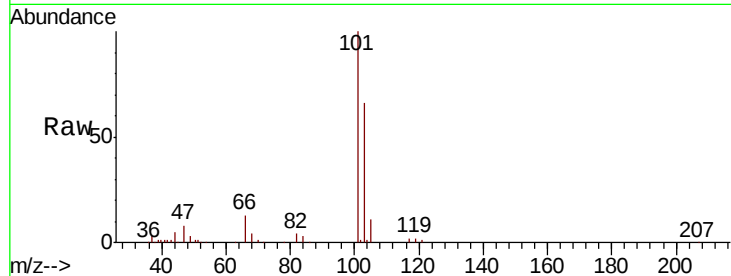
Trichlorofluoromethane
Concen: 21.530 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.01 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	52.2	78.4

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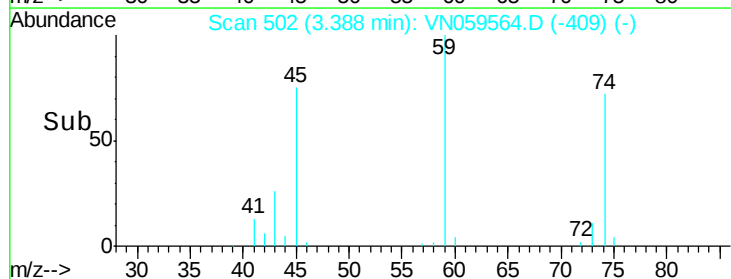
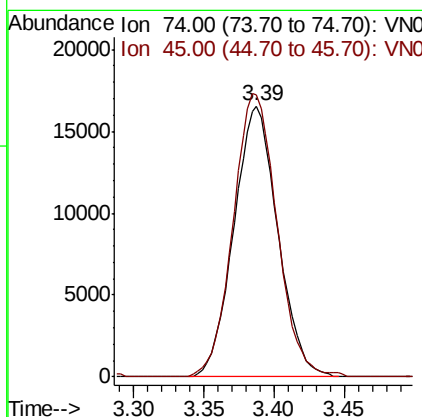
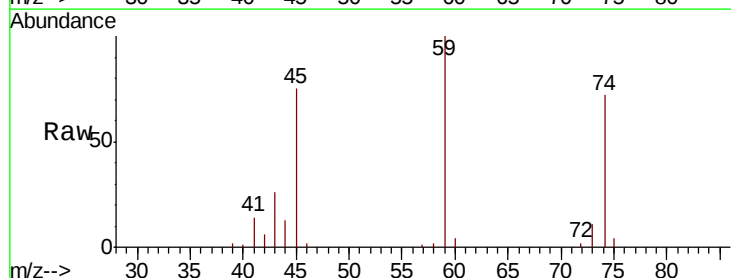
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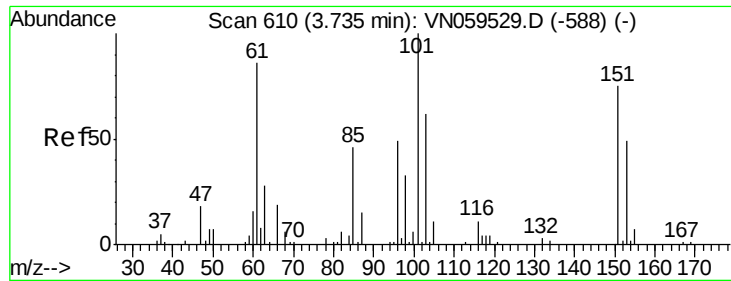


#8

Diethyl Ether
Concen: 18.429 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.6	157.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.509 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

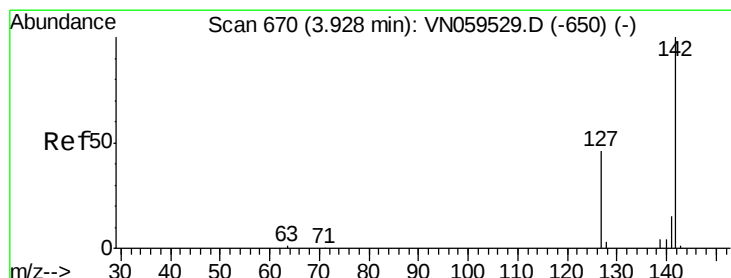
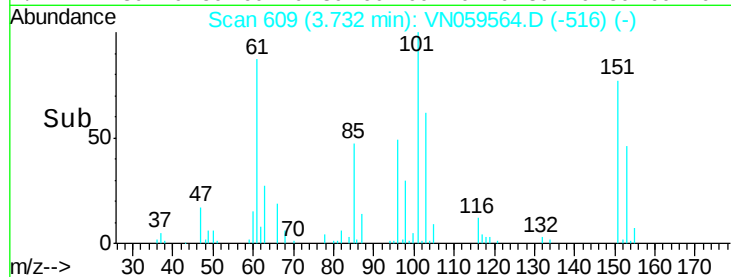
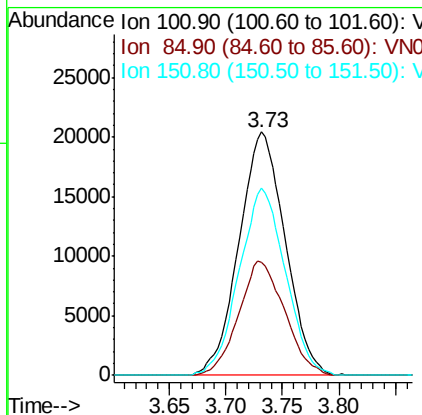
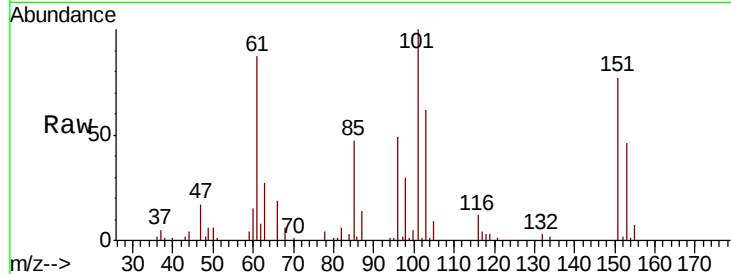
ClientSampleId :

VN1211WBSD01

Tot Ion:	101	Resp:	58012
Ion Ratio	Lower	Upper	
101	100		
85	46.6	36.6	54.8
151	76.7	59.3	88.9

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#10

Methyl Iodide

Concen: 17.993 ug/l

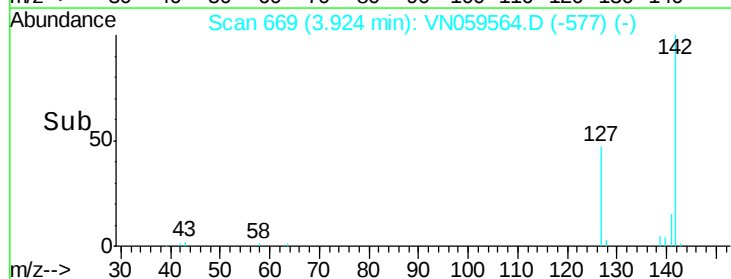
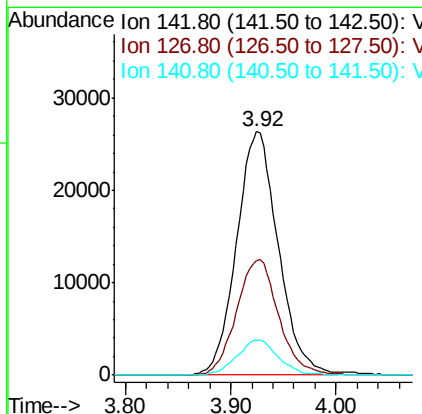
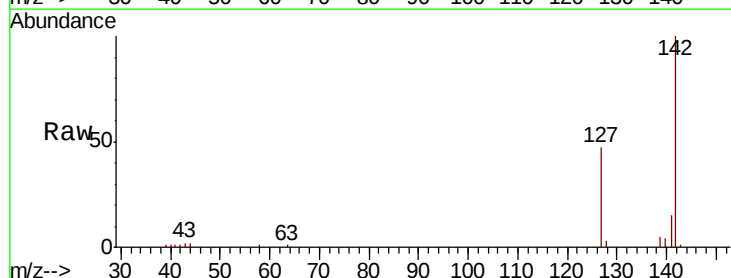
RT: 3.92 min Scan# 669

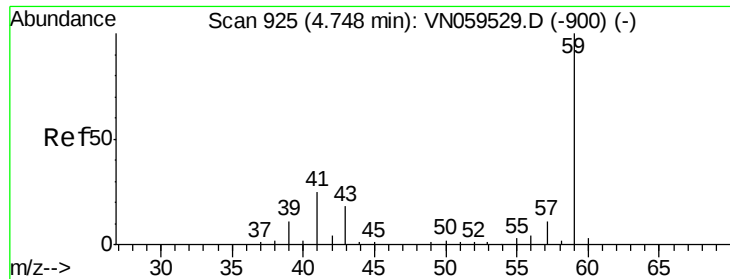
Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Tgt Ion:	142	Resp:	72449
Ion Ratio	Lower	Upper	
142	100		
127	47.9	36.6	54.8
141	14.0	11.6	17.4





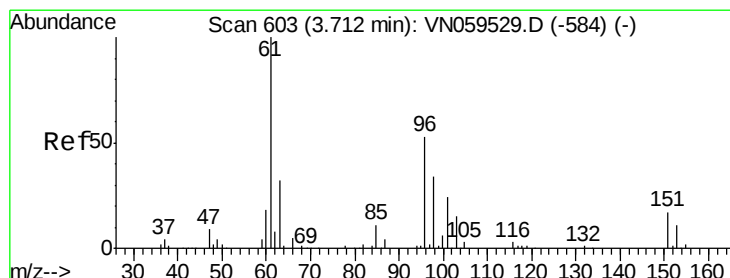
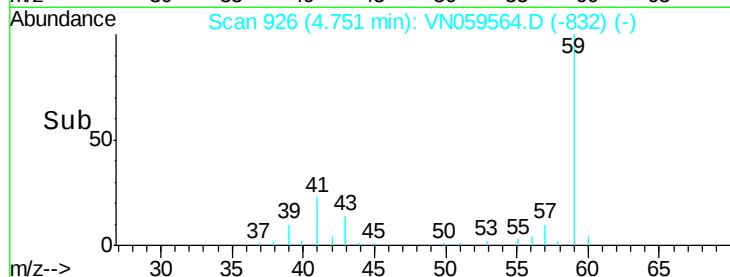
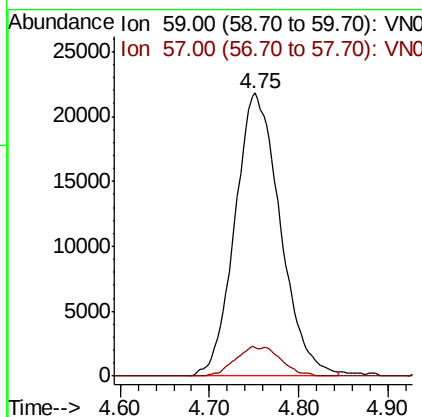
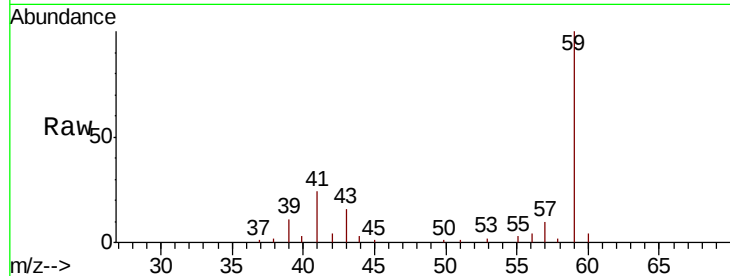
#11
Tert butyl alcohol
Concen: 119.874 ug/l
RT: 4.75 min Scan# 926
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion: 59 Resp: 76982
Ion Ratio Lower Upper
59 100
57 5.9 8.6 13.0#

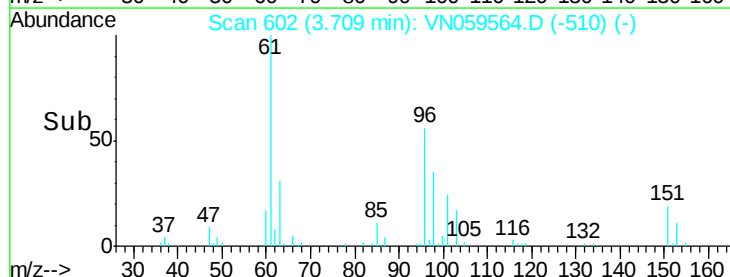
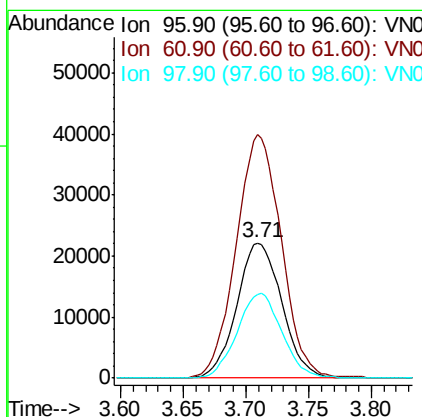
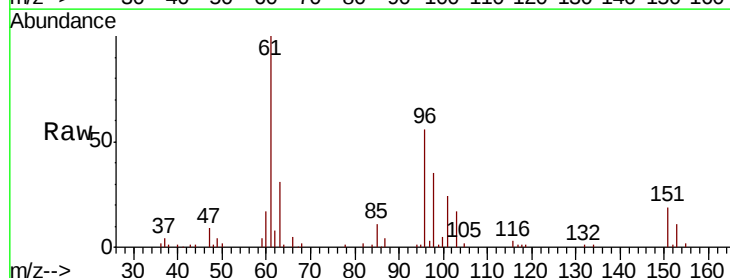
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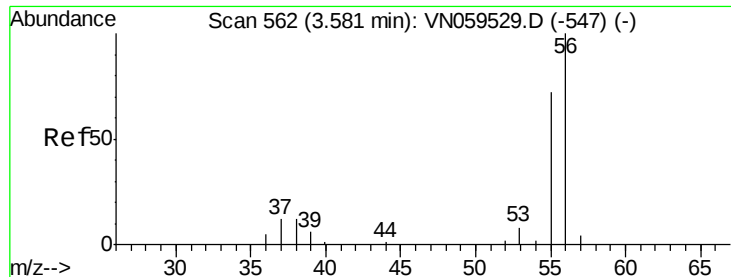
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#12
1,1-Dichloroethene
Concen: 19.075 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion: 96 Resp: 55141
Ion Ratio Lower Upper
96 100
61 180.0 149.8 224.6
98 62.3 50.6 75.8





#13

Acrolein

Concen: 138.780 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

Tot Ion: 56 Resp: 43370

Ion Ratio Lower Upper

56 100

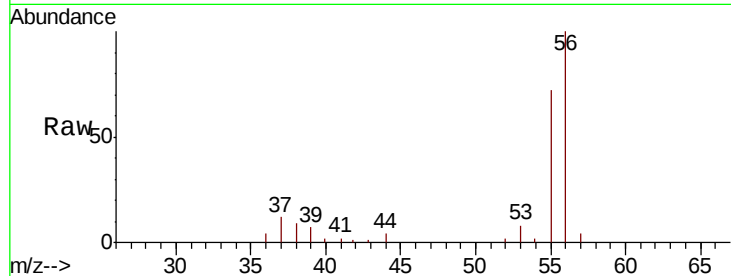
55 73.0 56.9 85.3

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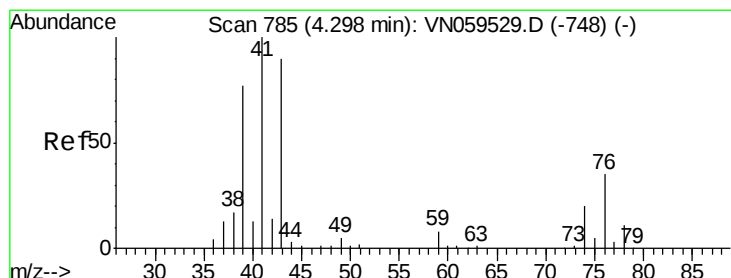
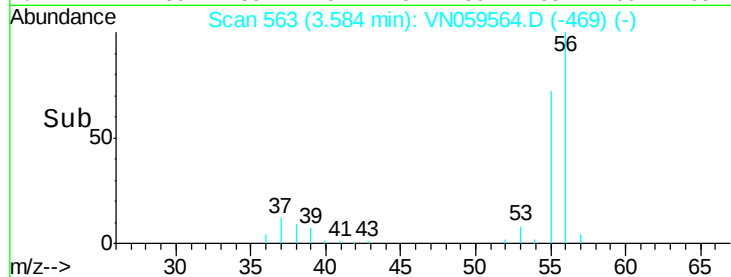
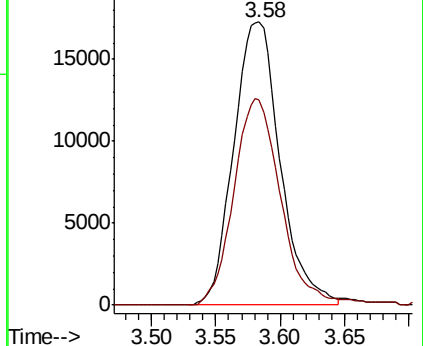
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Abundance Ion 56.00 (55.70 to 56.70): VN059529.D (-547) (-)

Ion 55.00 (54.70 to 55.70): VN059529.D (-547) (-)



#14

Allyl chloride

Concen: 19.852 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

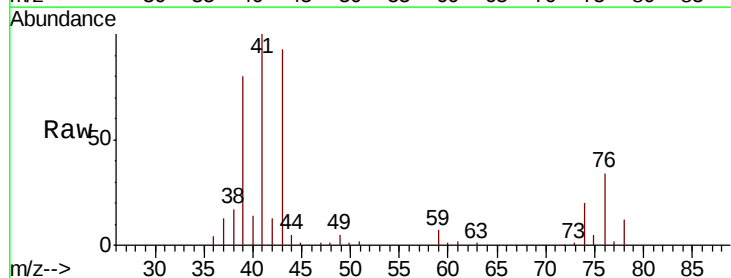
Tgt Ion: 41 Resp: 110393

Ion Ratio Lower Upper

41 100

39 72.5 56.7 85.1

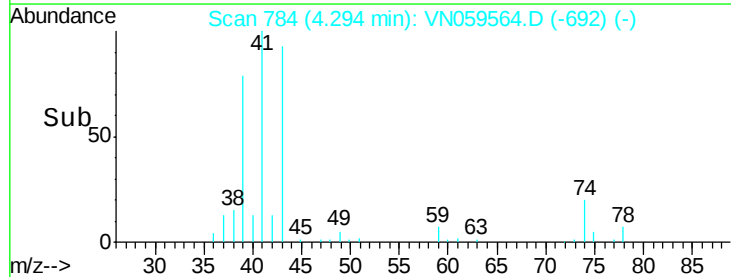
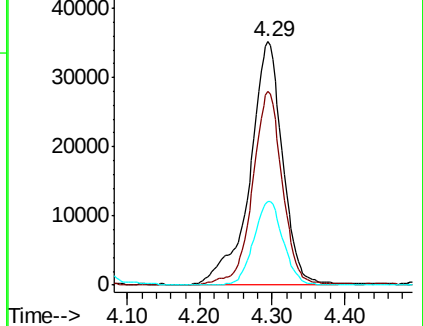
76 30.8 25.5 38.3

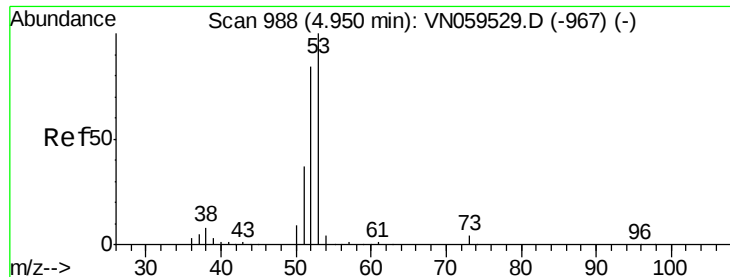


Abundance Ion 41.00 (40.70 to 41.70): VN059529.D (-748) (-)

Ion 39.00 (38.70 to 39.70): VN059529.D (-748) (-)

Ion 75.90 (75.60 to 76.60): VN059529.D (-748) (-)





#15

Acrylonitrile

Concen: 102.757 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

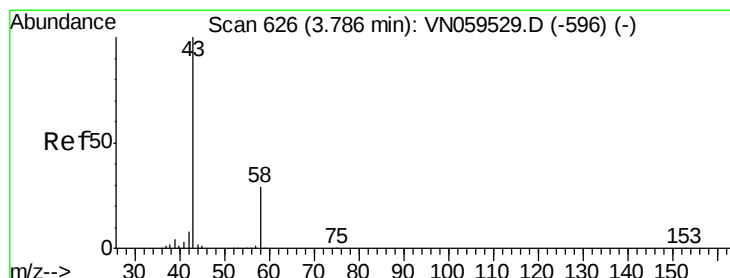
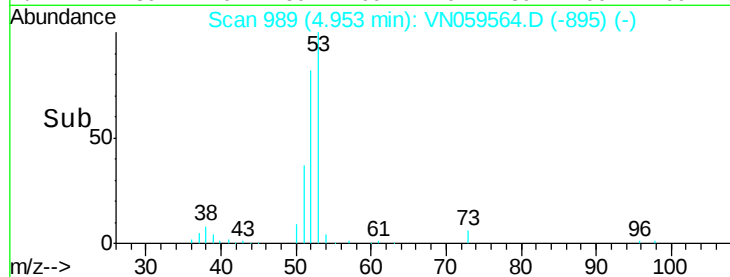
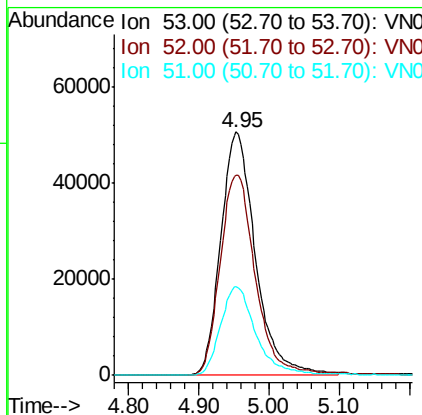
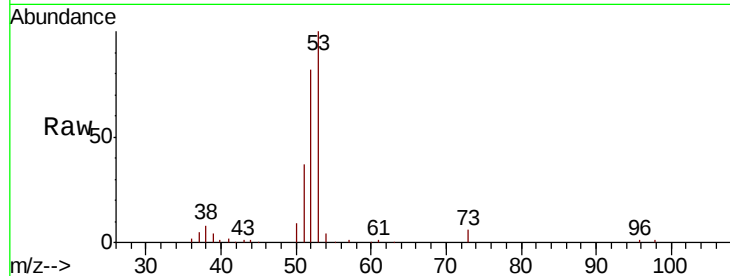
ClientSampleId :

VN1211WBSD01

Tot Ion:	53	Resp:	174045
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.6	99.8
51	37.2	29.8	44.8

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#16

Acetone

Concen: 124.524 ug/l

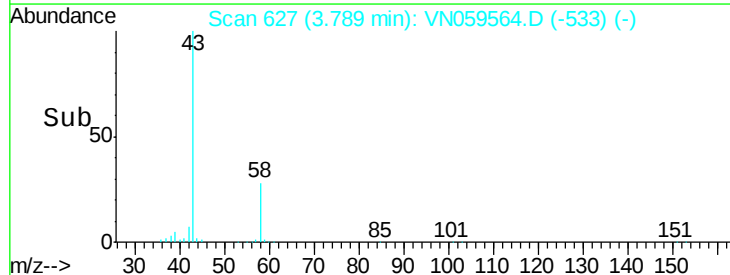
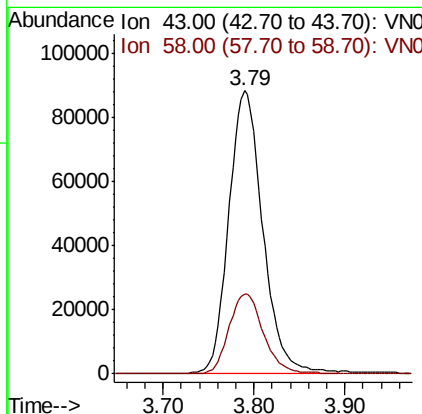
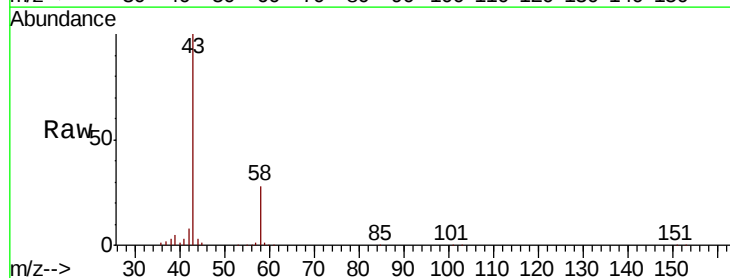
RT: 3.79 min Scan# 627

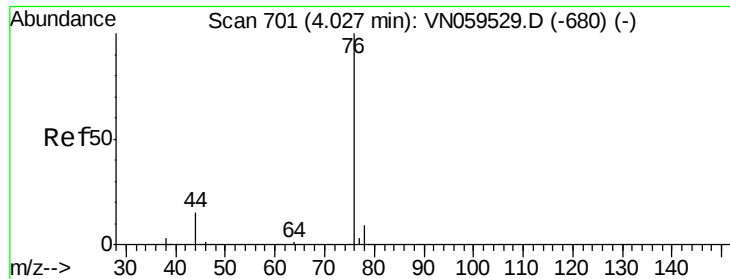
Delta R.T. 0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Tgt Ion:	43	Resp:	225806
Ion Ratio	Lower	Upper	
43	100		
58	28.4	23.0	34.4





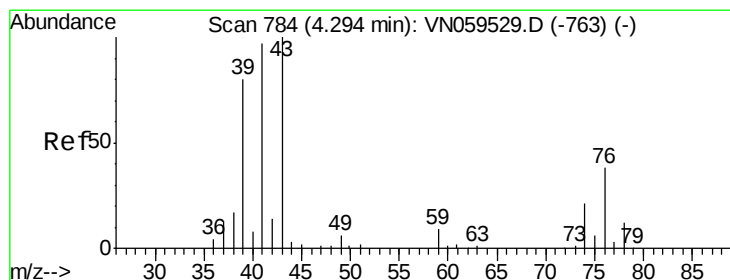
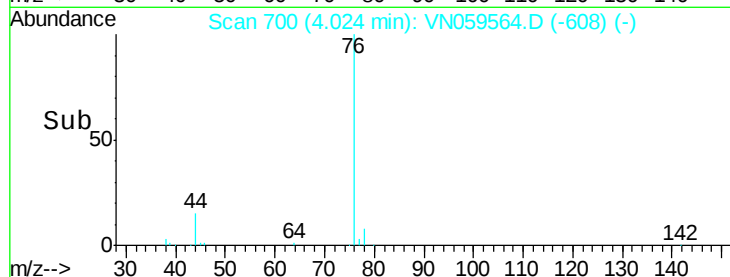
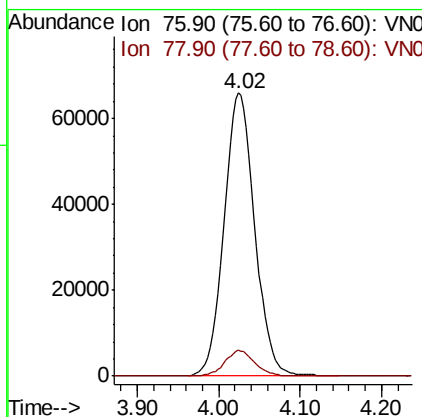
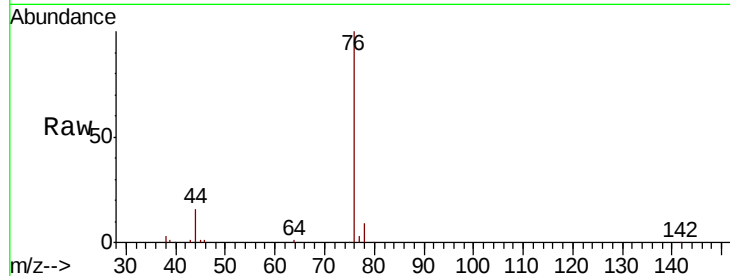
#17
Carbon Disulfide
Concen: 18.624 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion: 76 Resp: 173723
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

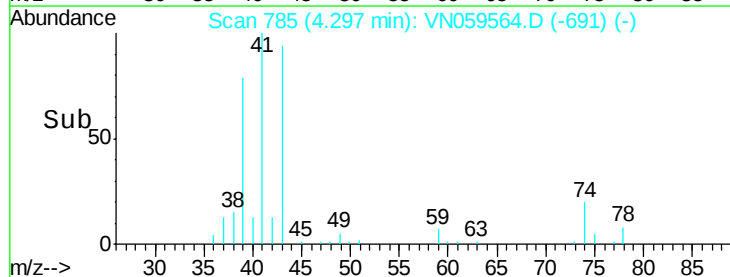
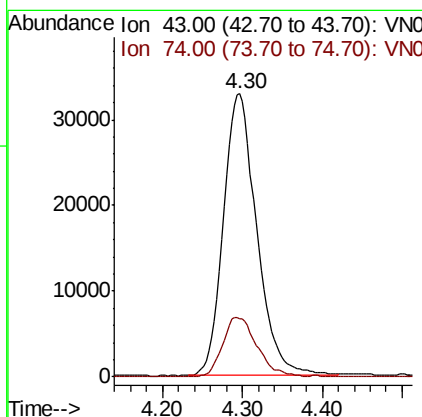
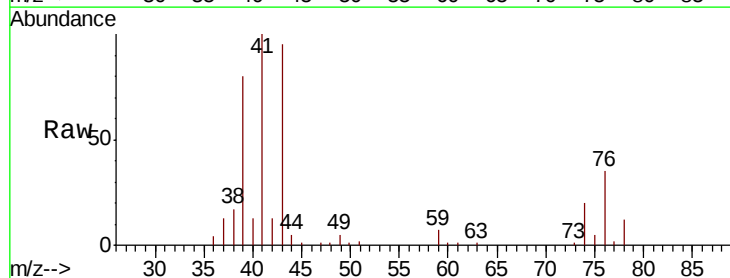
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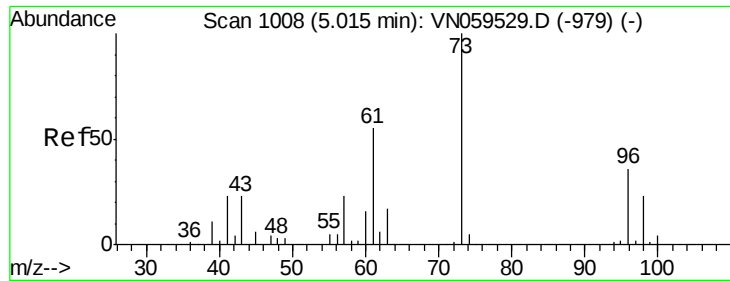
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#18
Methyl Acetate
Concen: 19.620 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion: 43 Resp: 93409
Ion Ratio Lower Upper
43 100
74 21.7 17.5 26.3





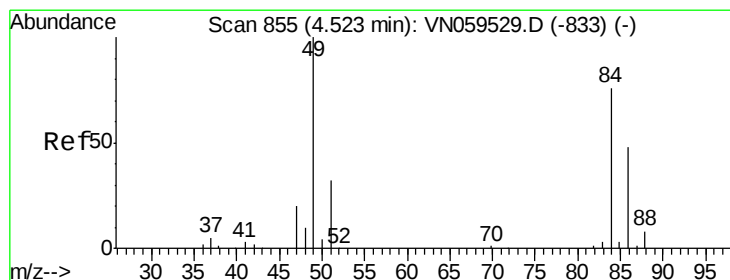
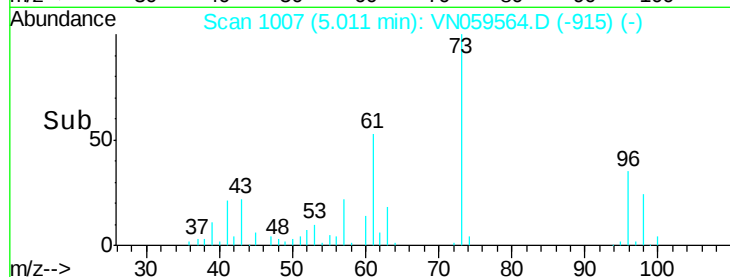
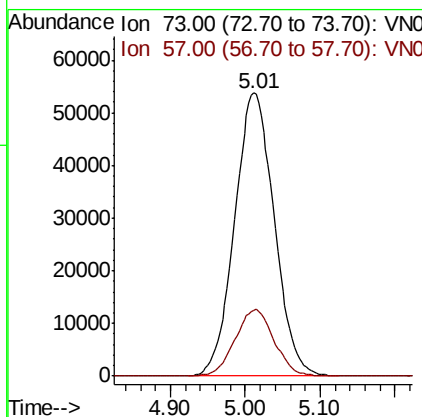
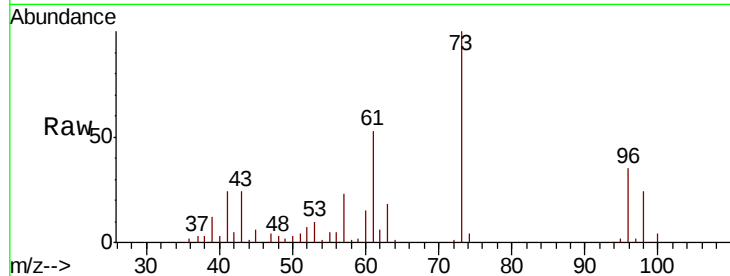
#19
Methvl tert-butvl Ether
Concen: 20.593 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion: 73 Resp: 197882
Ion Ratio Lower Upper
73 100
57 23.3 18.3 27.5

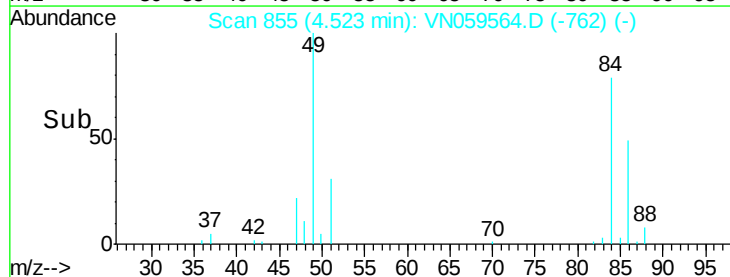
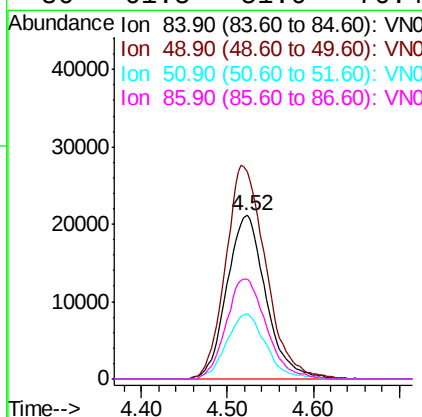
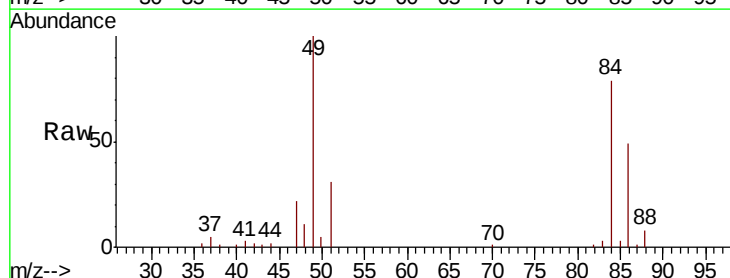
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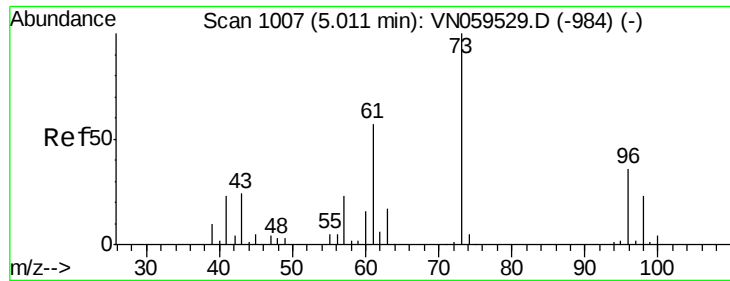
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#20
Methylene Chloride
Concen: 20.232 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion: 84 Resp: 66647
Ion Ratio Lower Upper
84 100
49 126.7 105.8 158.8
51 39.7 33.7 50.5
86 61.5 51.0 76.4





#21

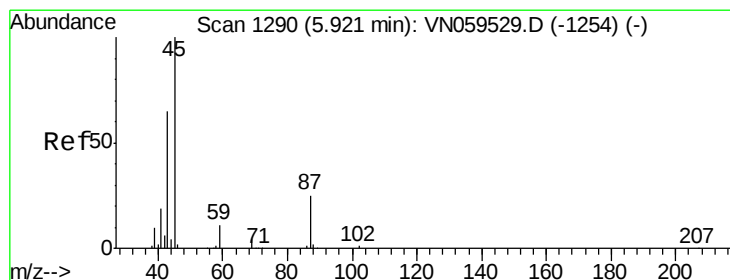
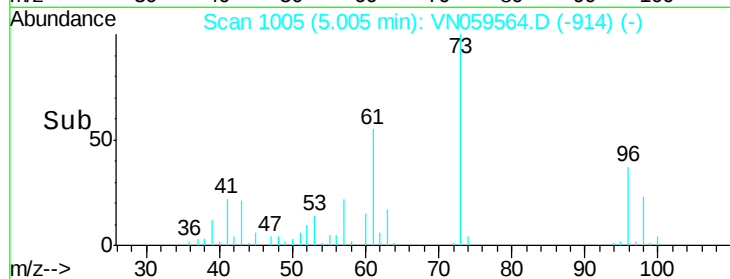
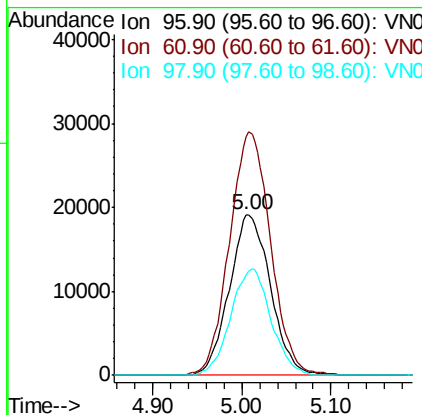
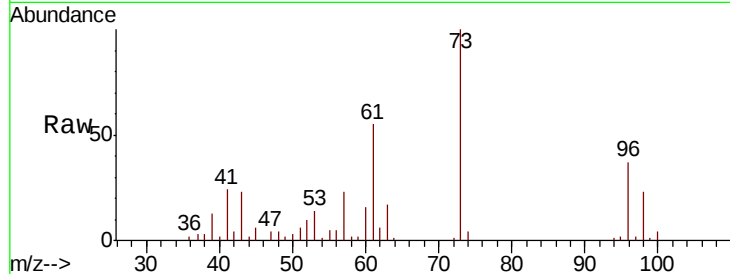
trans-1,2-Dichloroethene
Concen: 19.748 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	124.8	187.2
98	62.5	51.0	76.4

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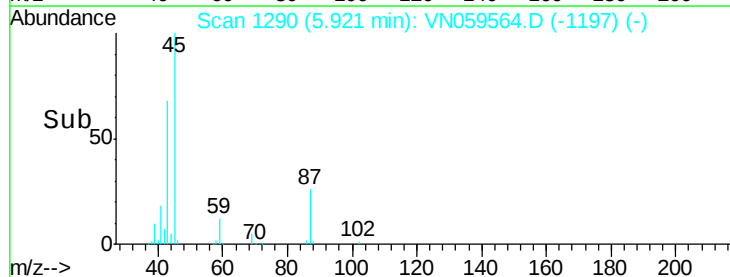
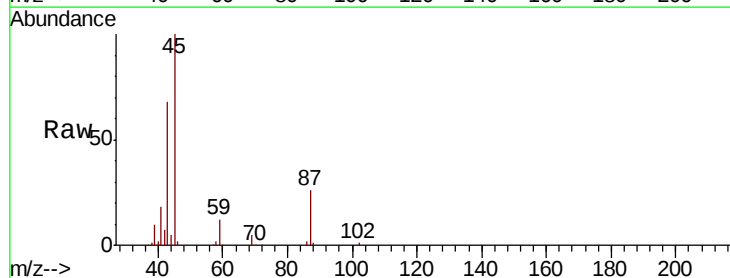
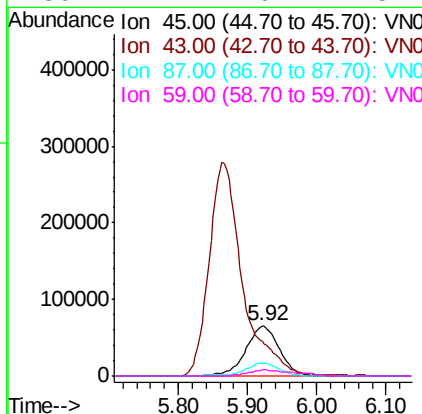
apatel
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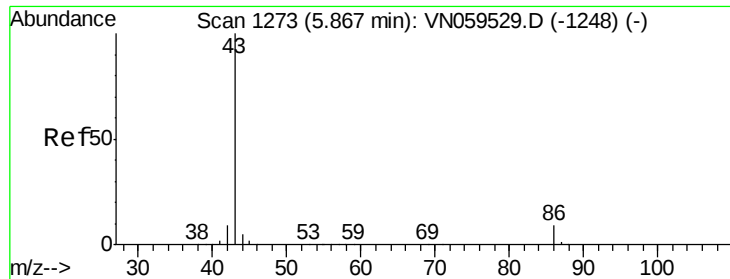


#22

Diisopropyl ether
Concen: 20.703 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.8	52.8	79.2
87	26.0	20.2	30.4
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 105.962 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

Tot Ion: 43 Resp: 935729

Ion Ratio Lower Upper

43 100

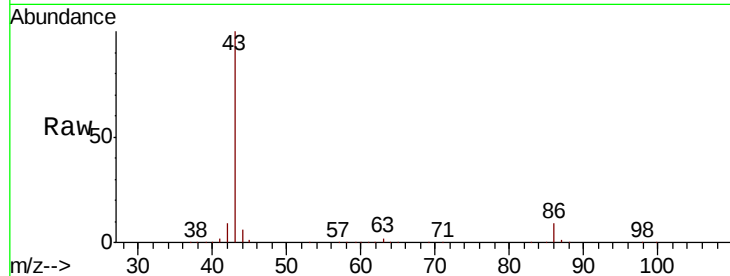
86 9.2 7.4 11.2

Manual Integrations

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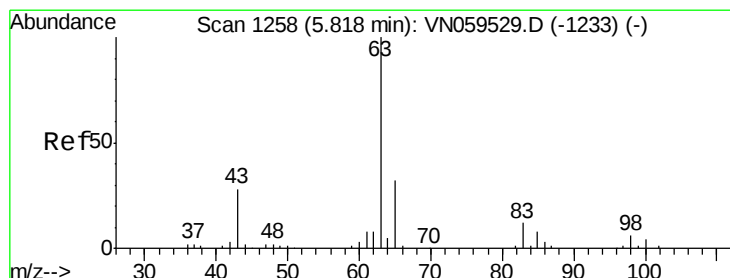
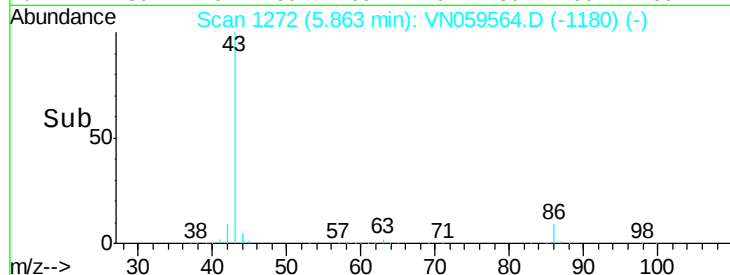
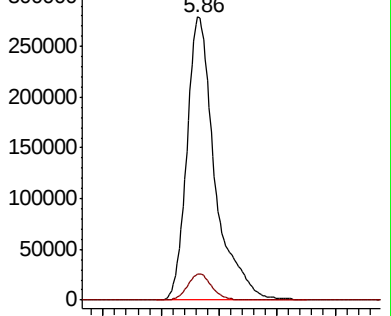
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.603 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

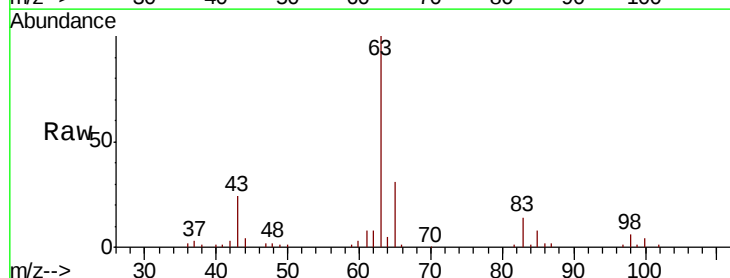
Tgt Ion: 63 Resp: 123834

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.0

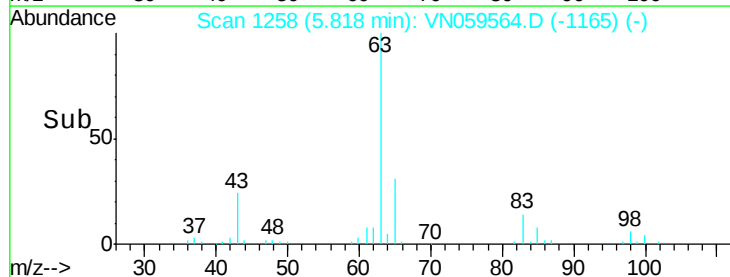
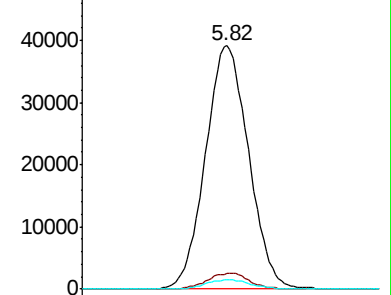
100 3.8 1.8 5.3

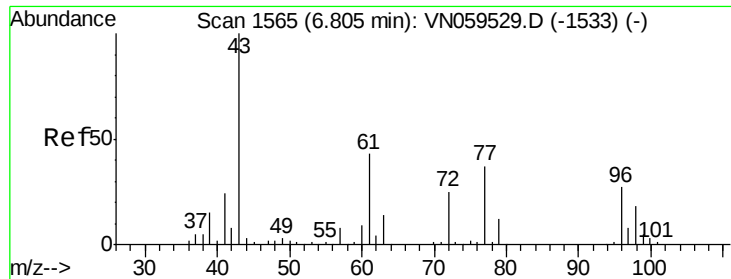


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 113.379 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampled :

VN1211WBSD01

Tot Ion: 43 Resp: 276739

Ion Ratio Lower Upper

43 100

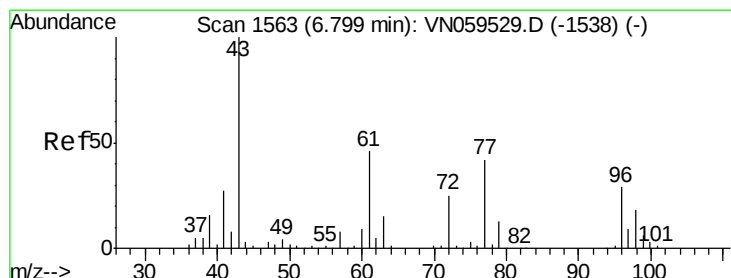
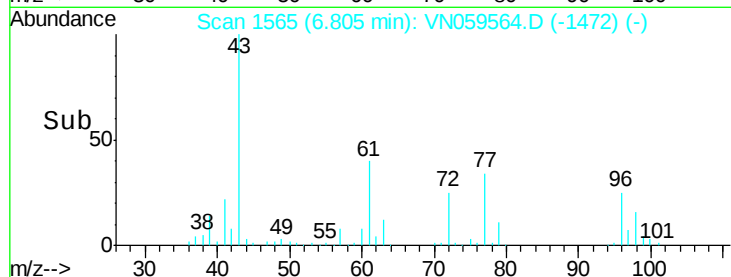
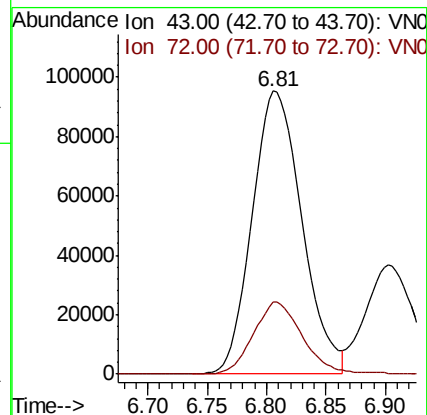
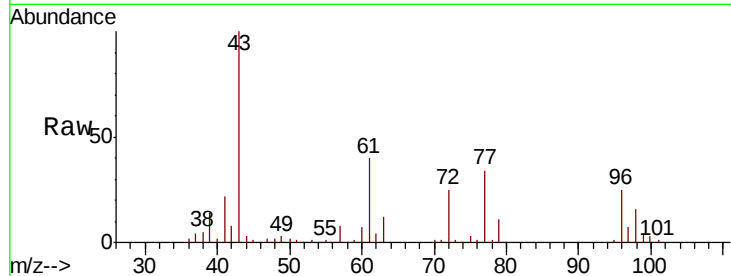
72 25.4 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 20.481 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059564.D

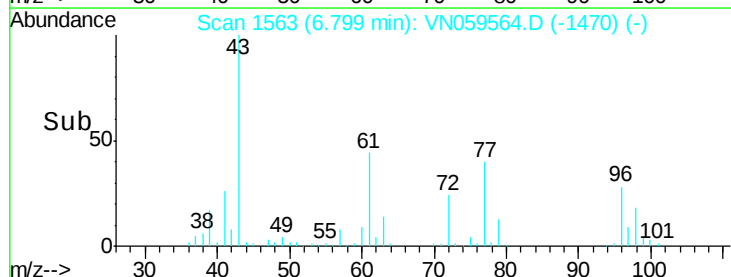
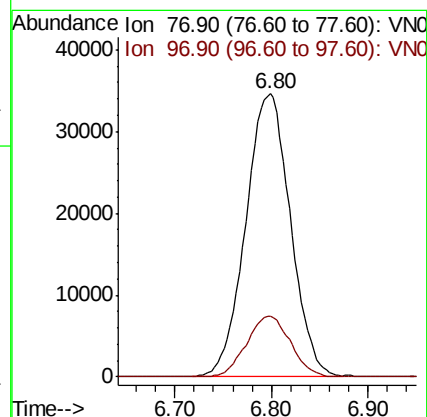
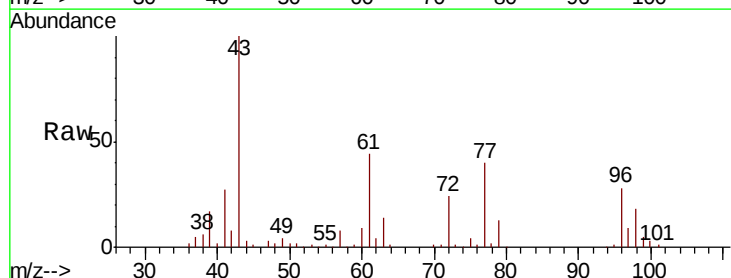
Acq: 11 Dec 2019 16:08

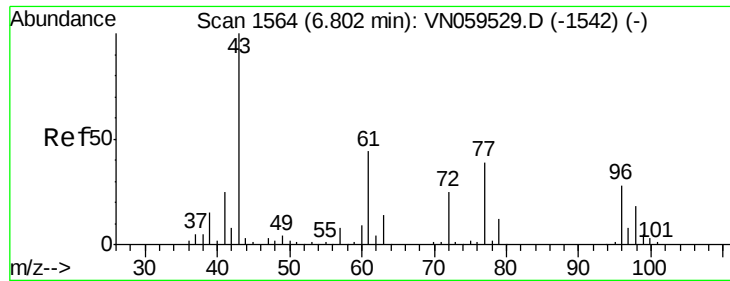
Tgt Ion: 77 Resp: 111211

Ion Ratio Lower Upper

77 100

97 21.0 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.942 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

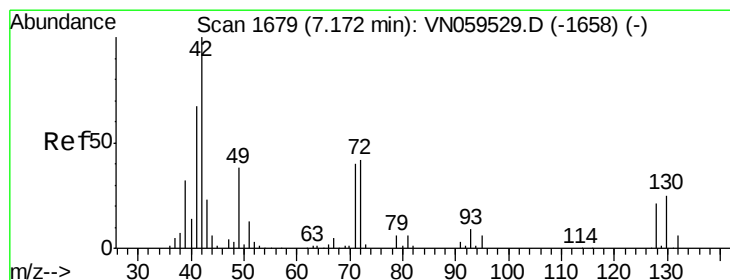
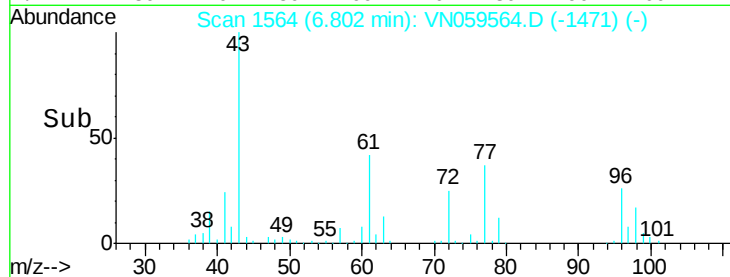
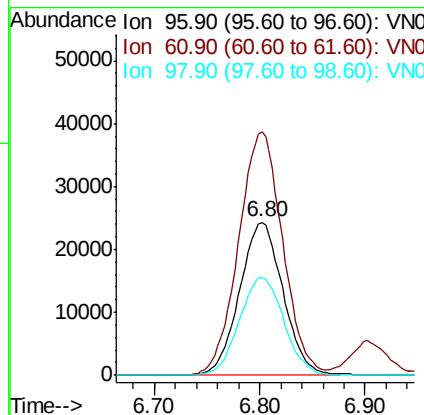
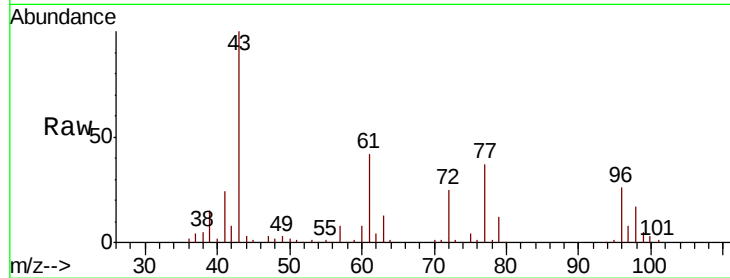
ClientSampled :

VN1211WBSD01

Tot Ion:	96	Resp:	69595
Ion	Ratio	Lower	Upper
96	100		
61	161.8	0.0	320.0
98	65.7	0.0	128.6

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#28

Bromochloromethane

Concen: 24.255 ug/l

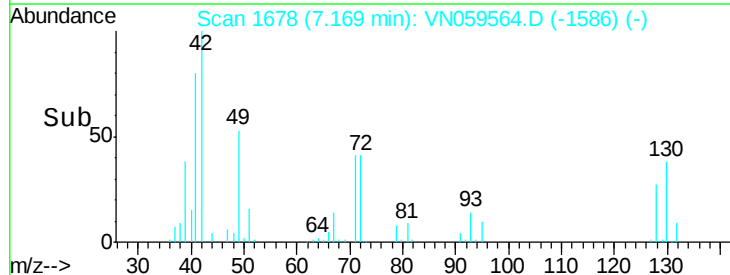
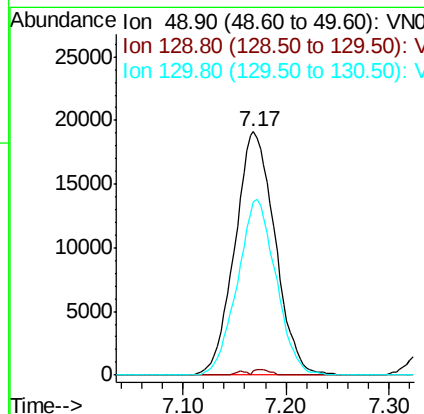
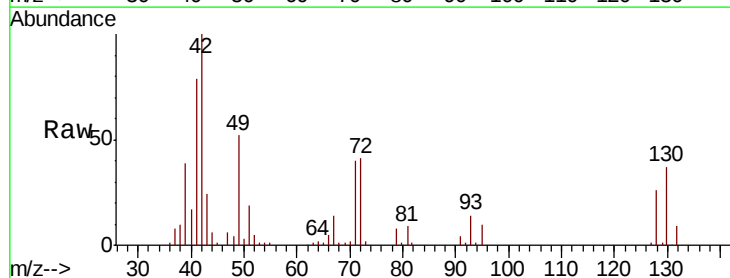
RT: 7.17 min Scan# 1678

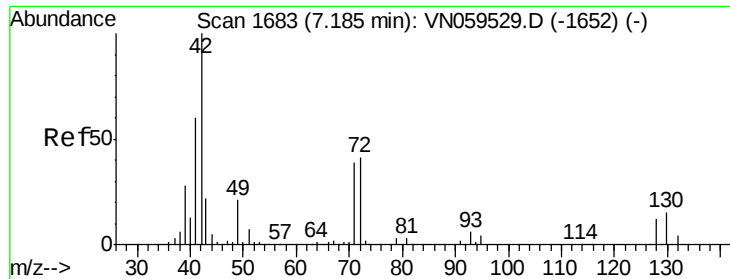
Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Tgt Ion:	49	Resp:	51746
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.0
130	69.3	54.2	81.2





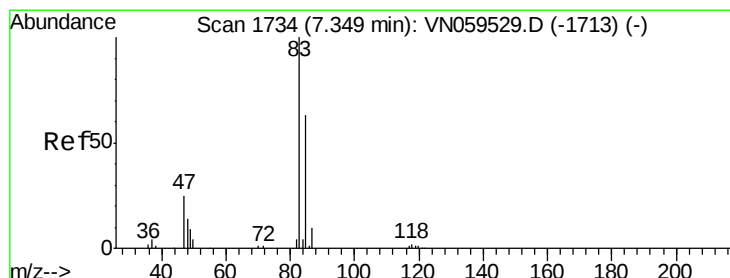
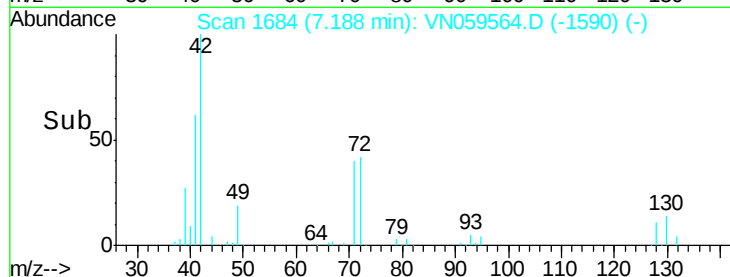
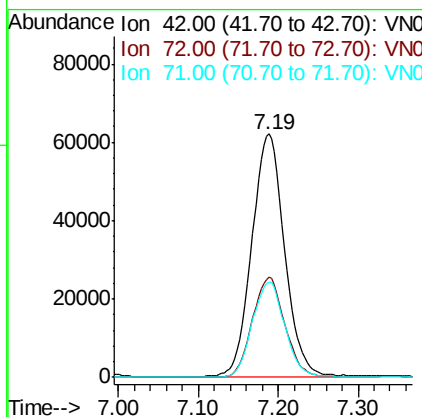
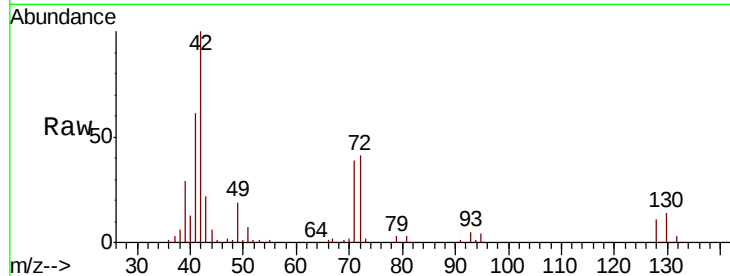
#29
Tetrahydrofuran
Concen: 102.900 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.7	49.1
71	38.9	31.4	47.2

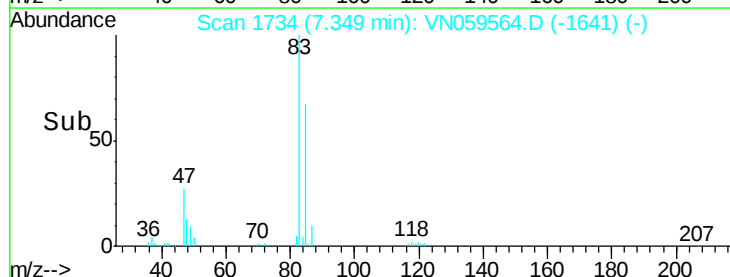
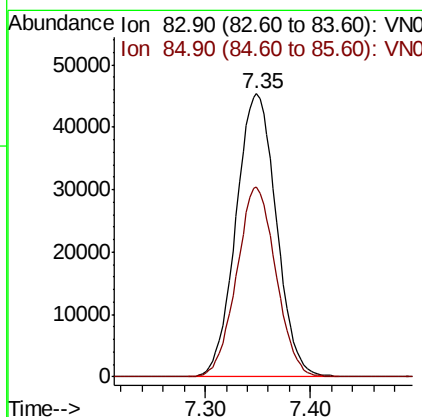
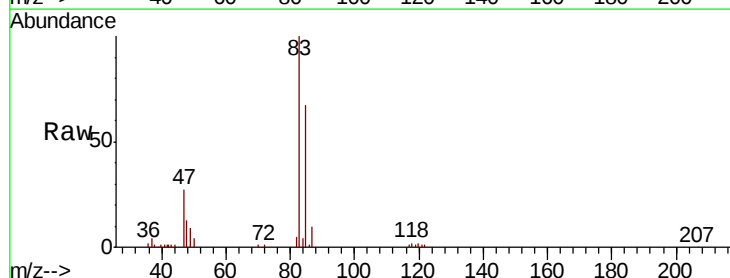
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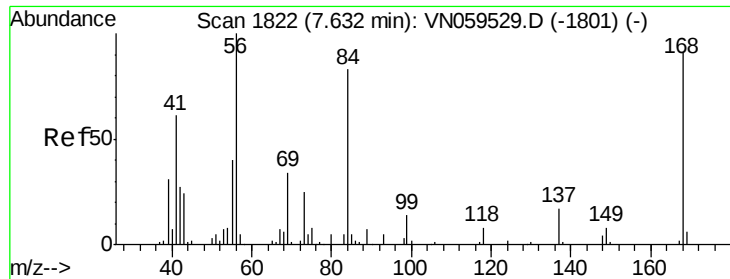
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#30
Chloroform
Concen: 20.318 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	50.6	75.8





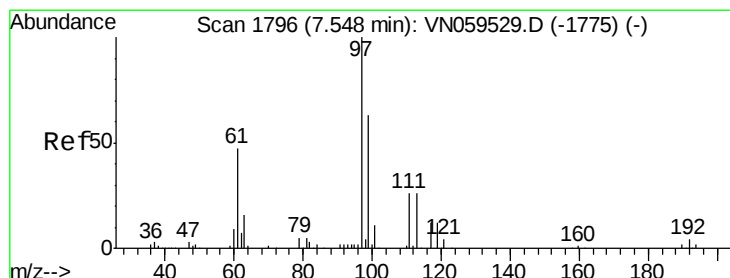
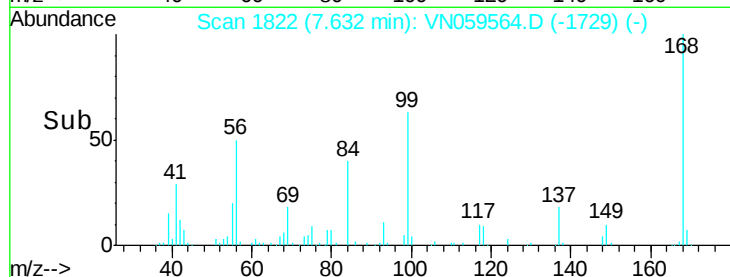
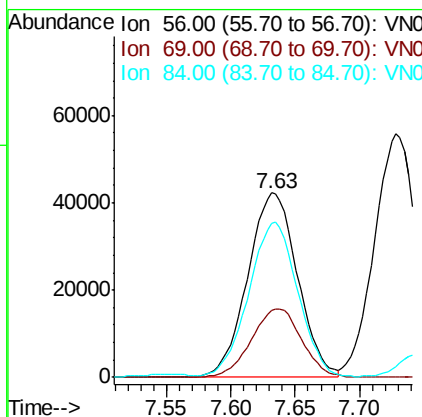
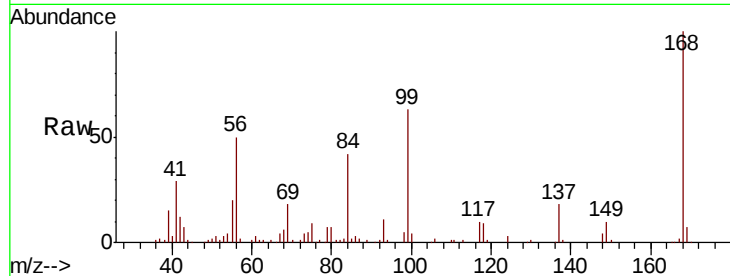
#31
Cyclohexane
Concen: 19.436 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	26.9	40.3
84	82.4	66.5	99.7

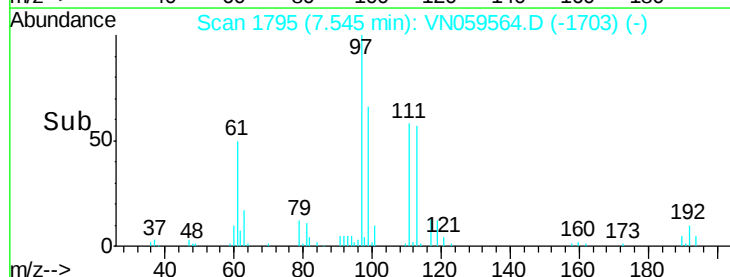
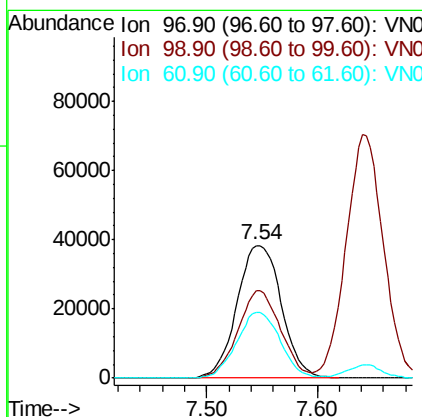
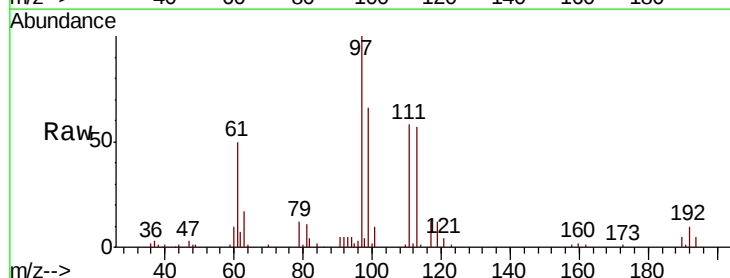
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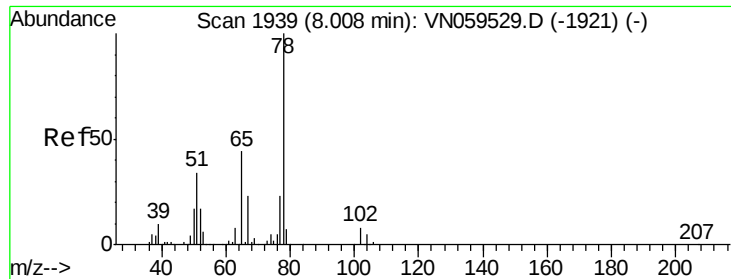
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#32
1,1,1-Trichloroethane
Concen: 20.373 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.2
61	48.5	38.5	57.7





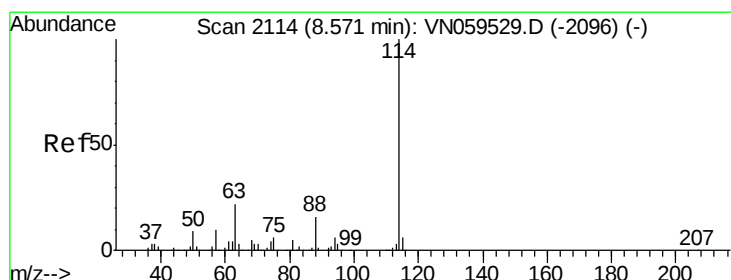
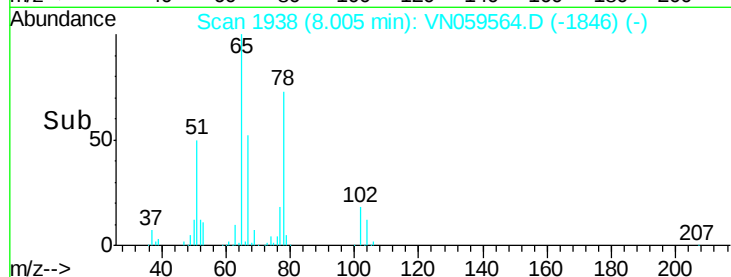
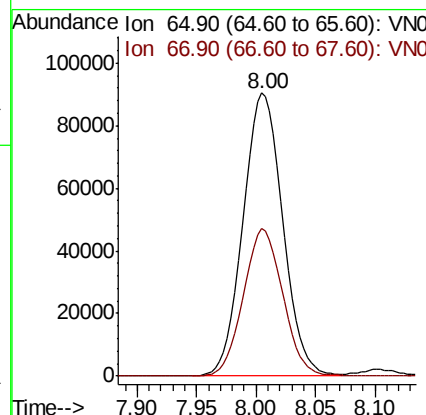
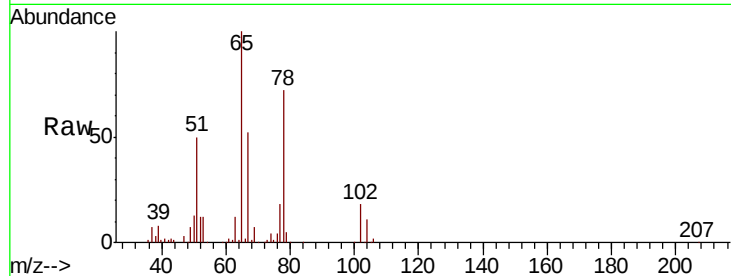
#33
 1,2-Dichloroethane-d4
 Concen: 53.951 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	209426		
67	51.6	0.0	103.6	

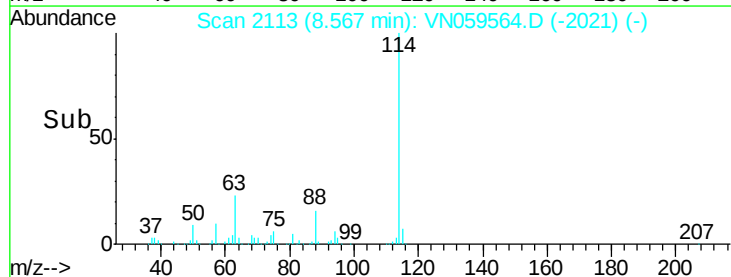
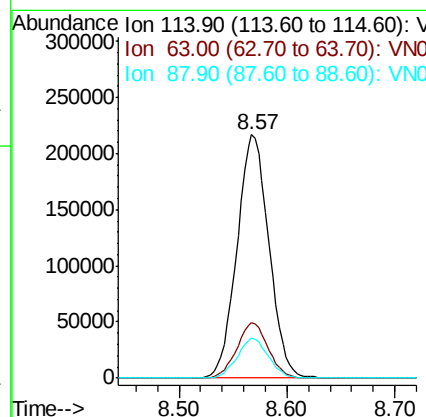
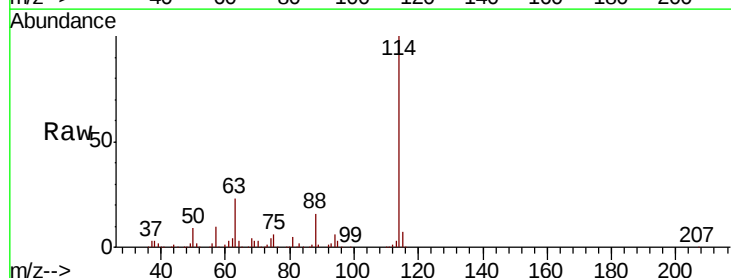
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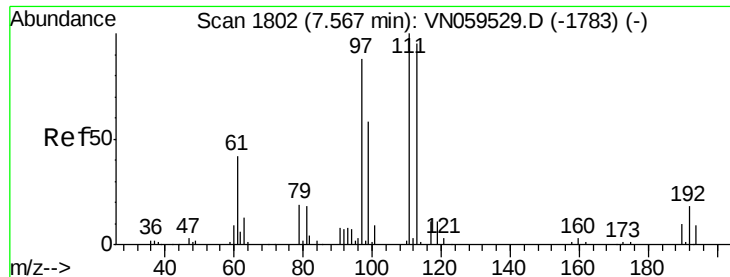
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	447703		
63	22.6	0.0	45.0	
88	16.4	0.0	32.2	





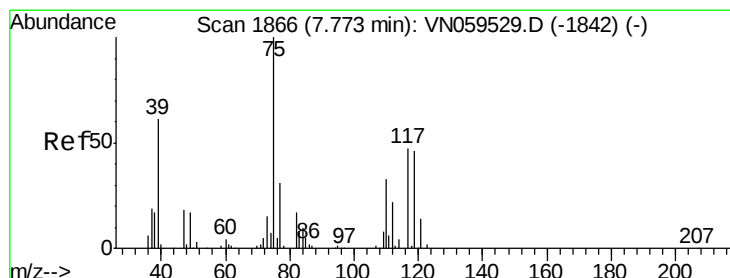
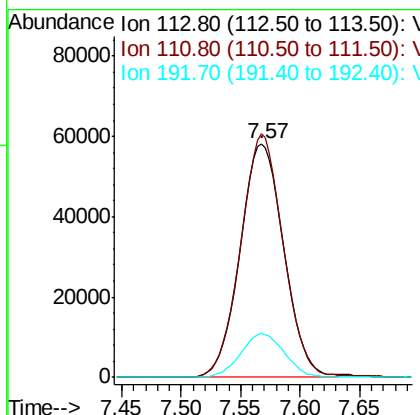
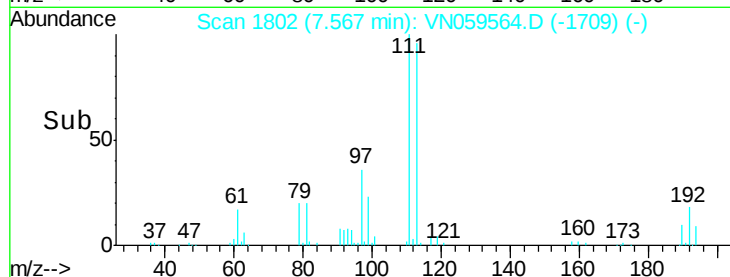
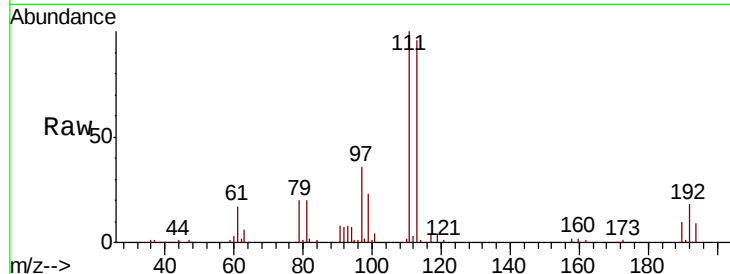
#35
 Dibromofluoromethane
 Concen: 55.406 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.4	82.2	123.4	
192	18.6	14.8	22.2	

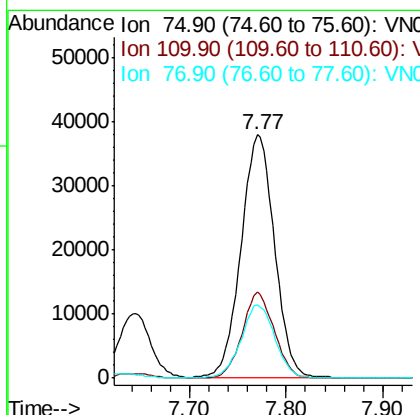
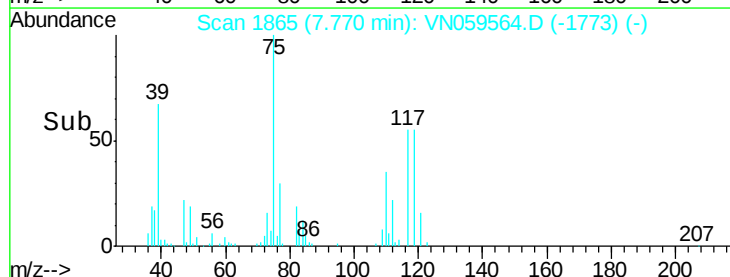
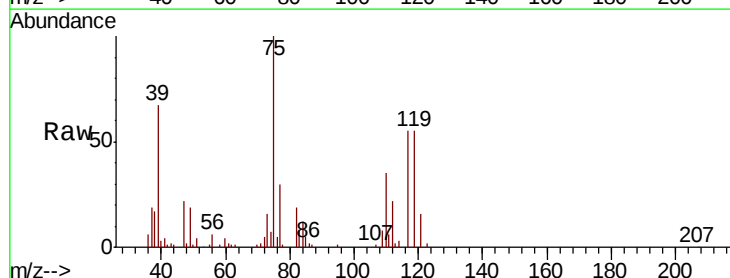
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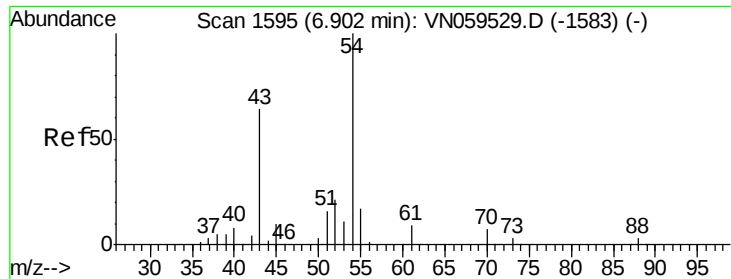
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#36
 1,1-Dichloropropene
 Concen: 20.003 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.3	16.7	50.0	
77	30.2	24.6	37.0	





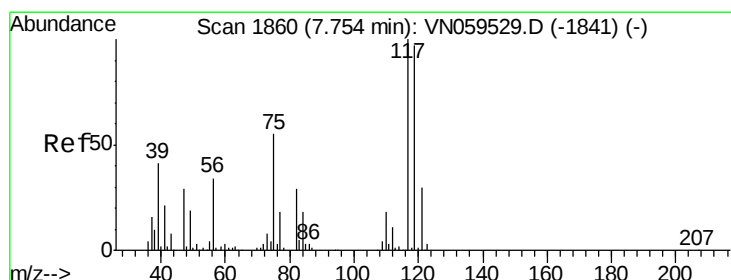
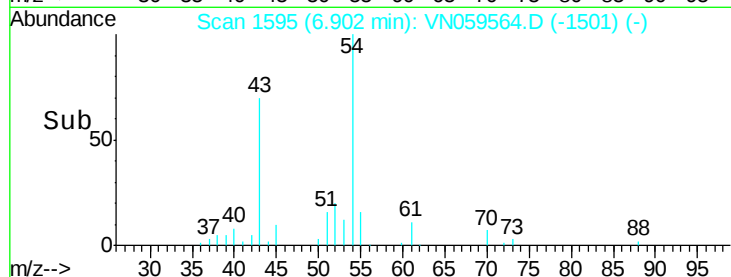
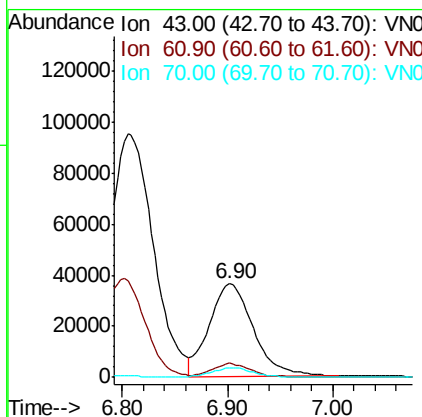
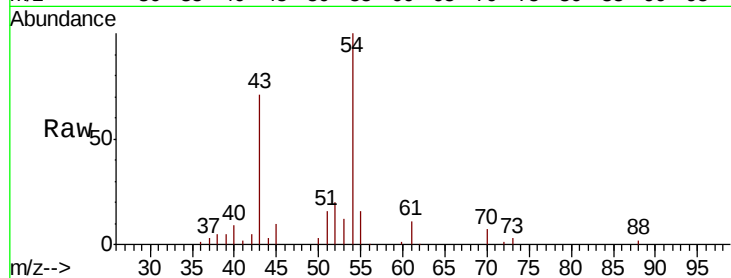
#37
Ethyl Acetate
Concen: 20.678 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion	43	61	70
Ion Ratio	100	13.2	9.7
Lower		11.0	7.7
Upper		16.6	11.5

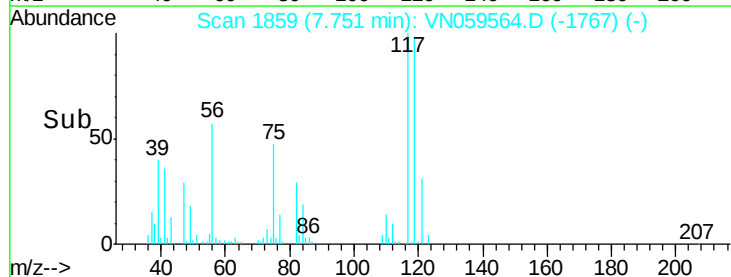
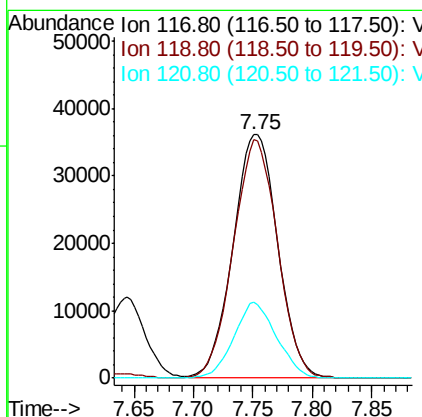
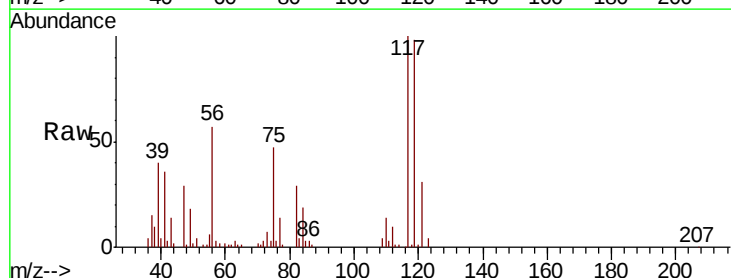
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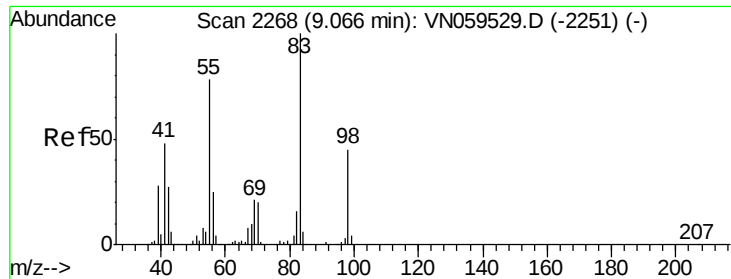
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#38
Carbon Tetrachloride
Concen: 20.798 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	117	119	121
Ion Ratio	100	97.8	31.3
Lower		77.0	24.1
Upper		115.4	36.1





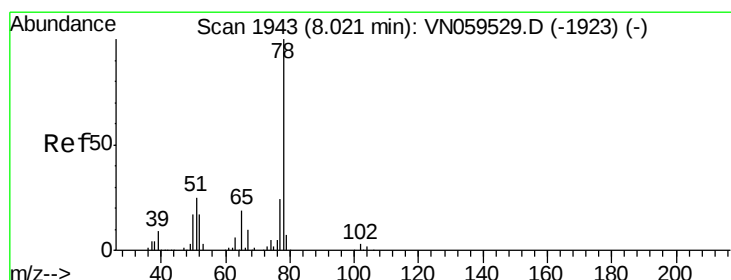
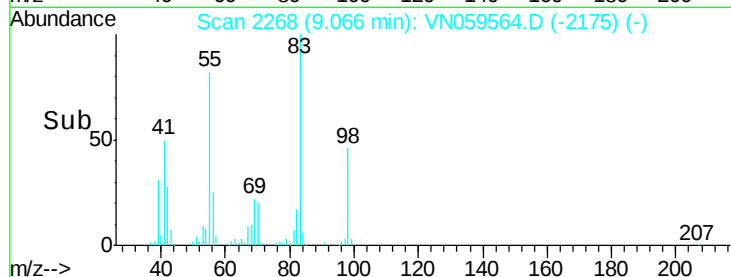
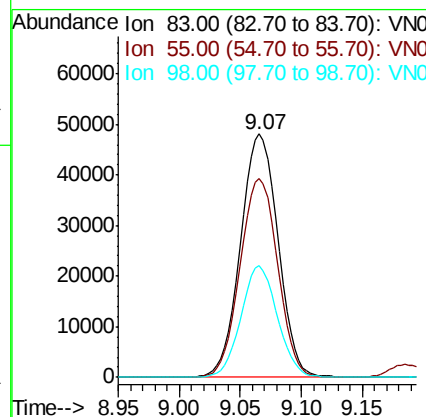
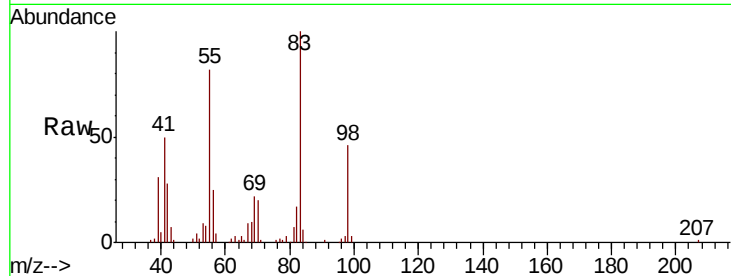
#39
Methvlcvclohexane
Concen: 19.852 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.5	62.7	94.1
98	45.6	35.7	53.5

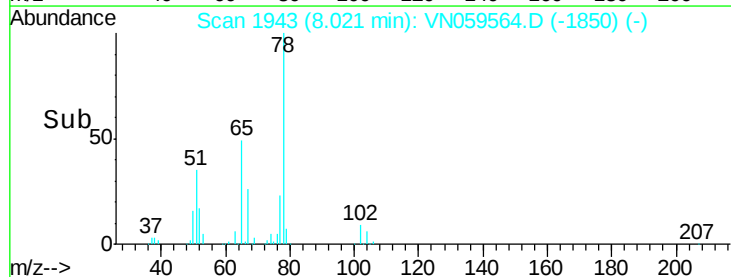
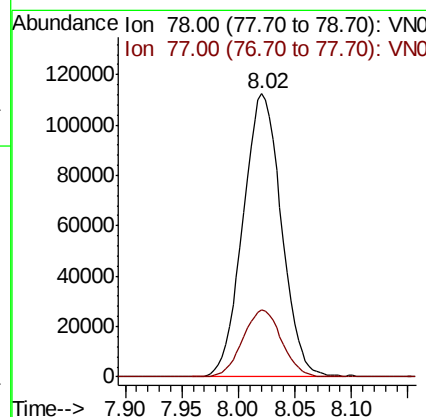
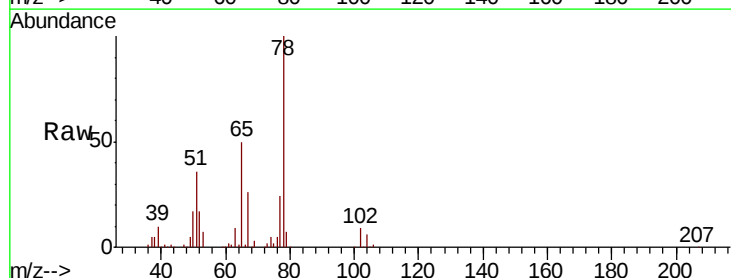
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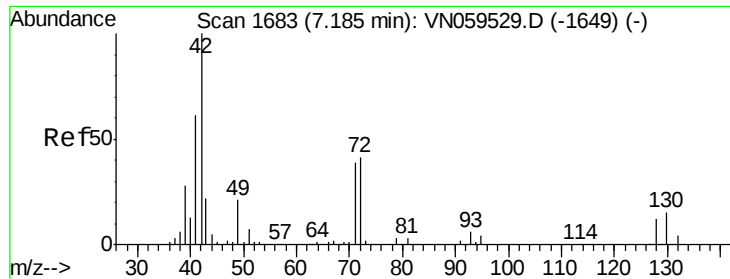
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#40
Benzene
Concen: 20.286 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





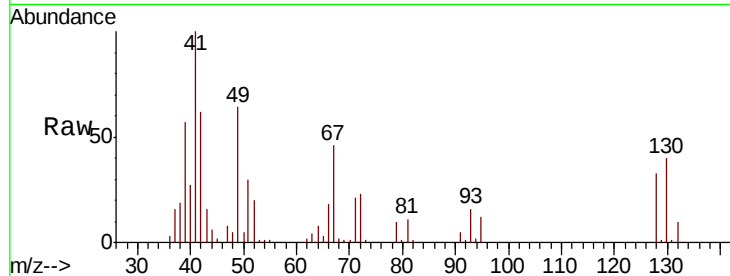
#41
Methacrylonitrile
Concen: 20.777 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

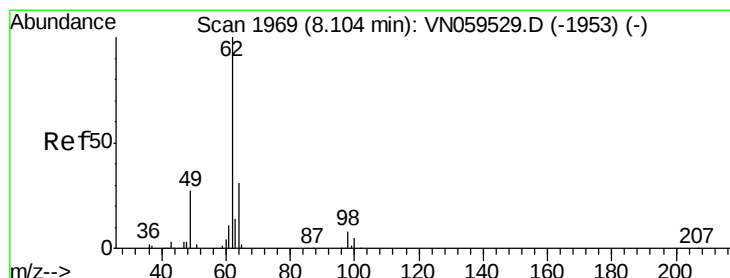
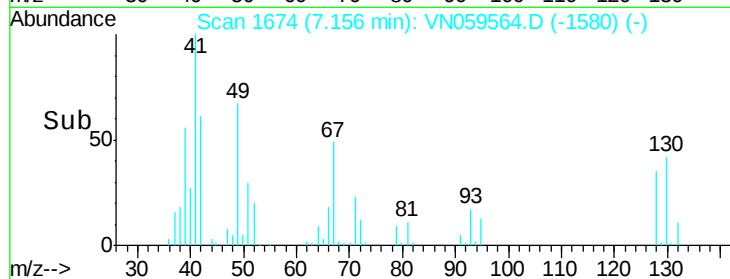
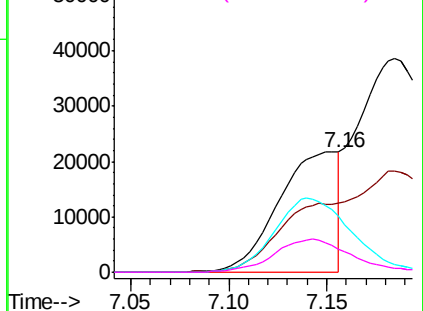
Tot Ion	41	Resp	46378
Ion	Ratio	Lower	Upper
41	100		
39	174.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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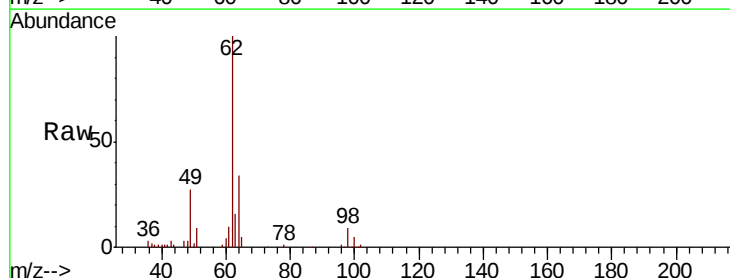


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

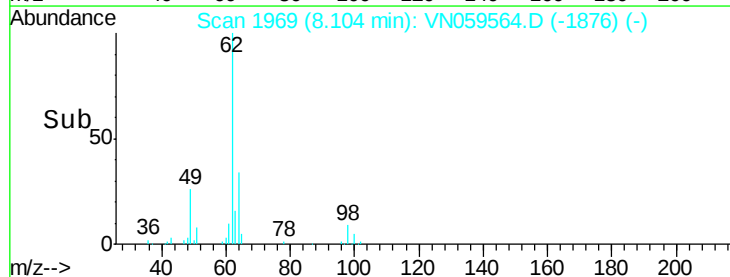
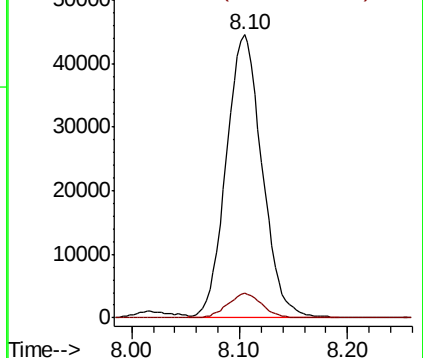


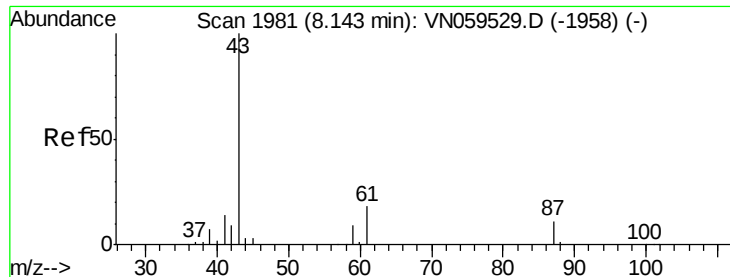
#42
1,2-Dichloroethane
Concen: 21.164 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	62	Resp	103468
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.530 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

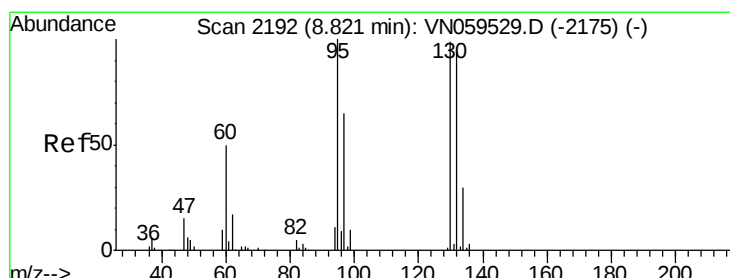
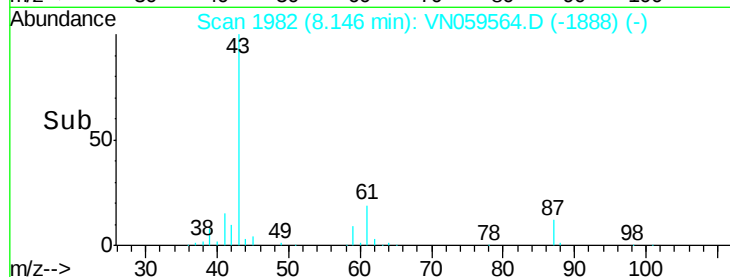
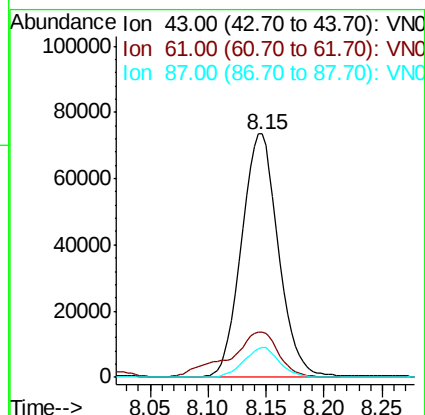
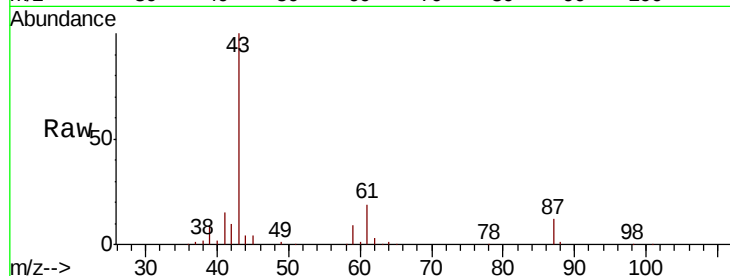
ClientSampleId :

VN1211WBSD01

Tot Ion:	43	Resp:	162783
Ion	Ratio	Lower	Upper
43	100		
61	25.1	19.8	29.6
87	11.8	9.4	14.2

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#44

Trichloroethene

Concen: 20.375 ug/l

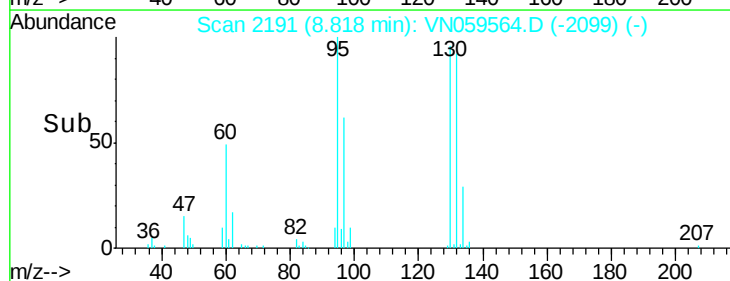
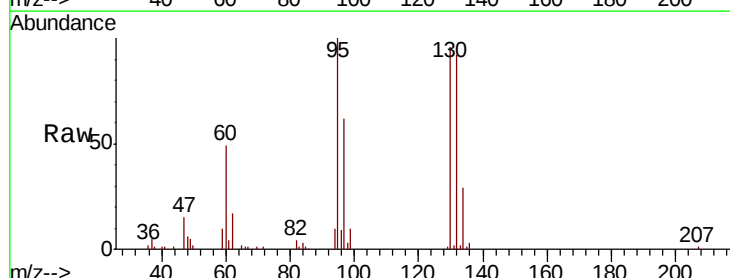
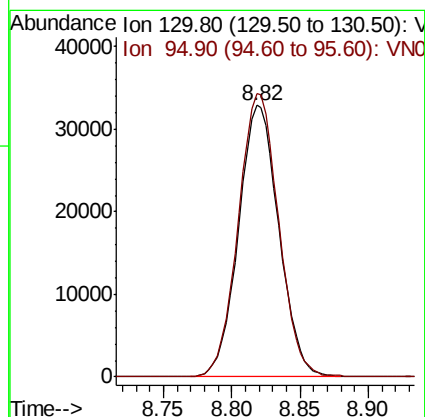
RT: 8.82 min Scan# 2191

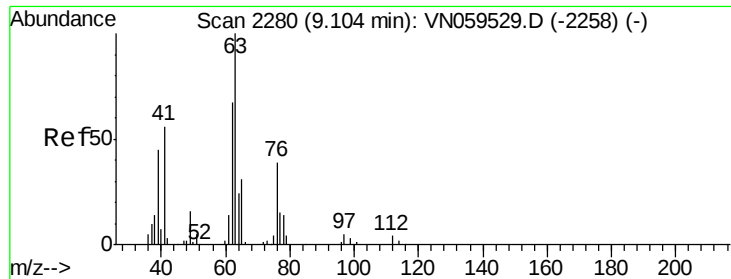
Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Tgt Ion:	130	Resp:	67542
Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	202.0





#45

1,2-Dichloropropane

Concen: 21.128 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

Tot Ion: 63 Resp: 73441

Ion Ratio Lower Upper

63 100

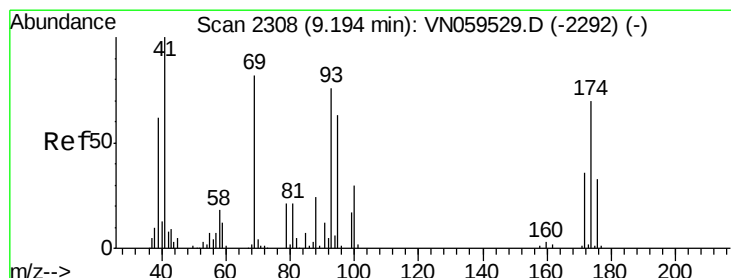
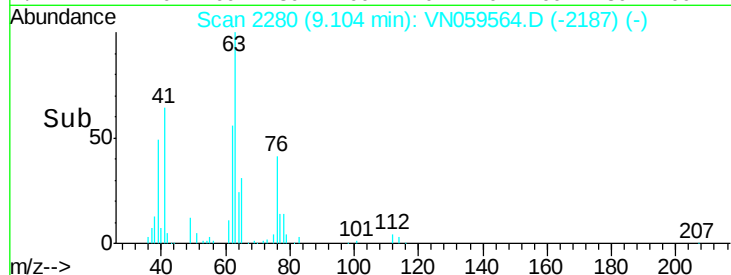
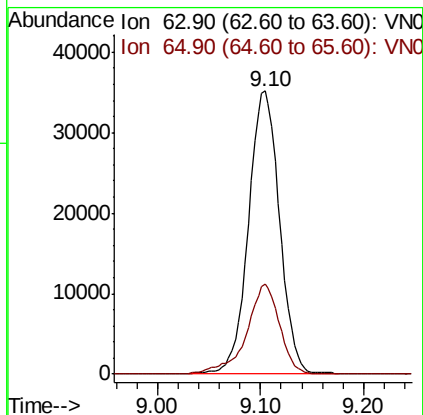
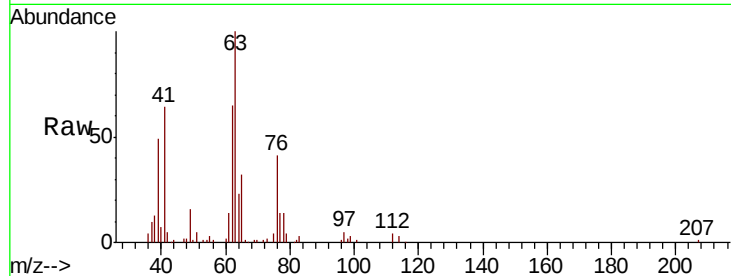
65 31.7 24.8 37.2

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#46

Dibromomethane

Concen: 20.589 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

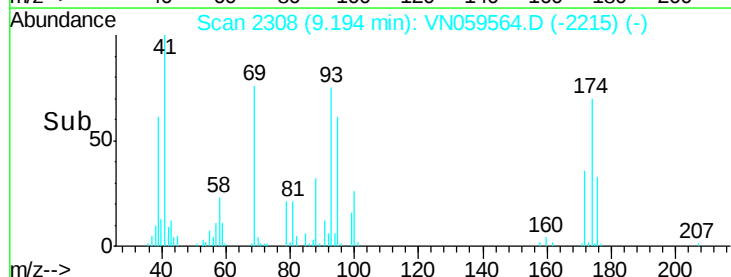
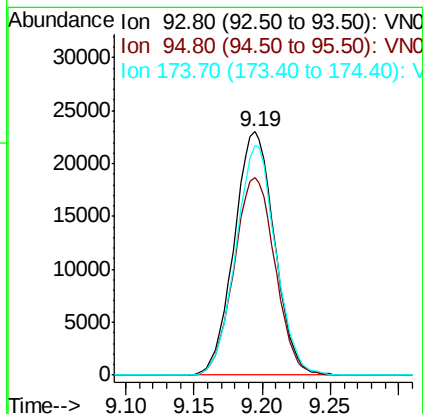
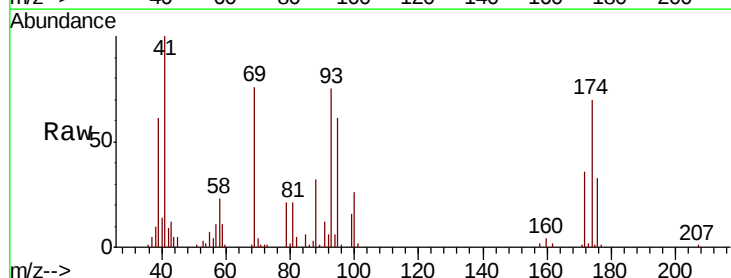
Tgt Ion: 93 Resp: 47298

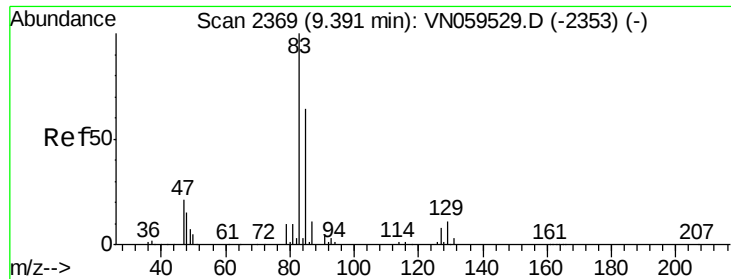
Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.6

174 92.9 75.6 113.4





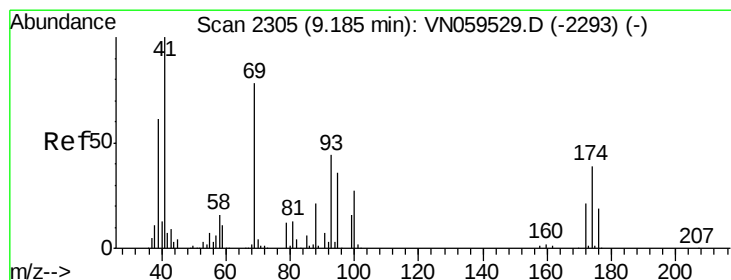
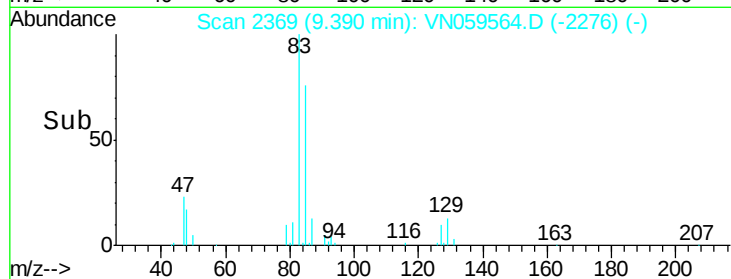
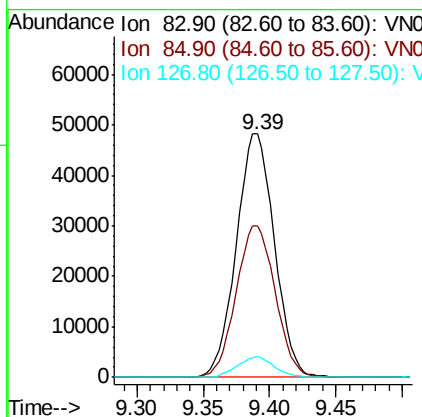
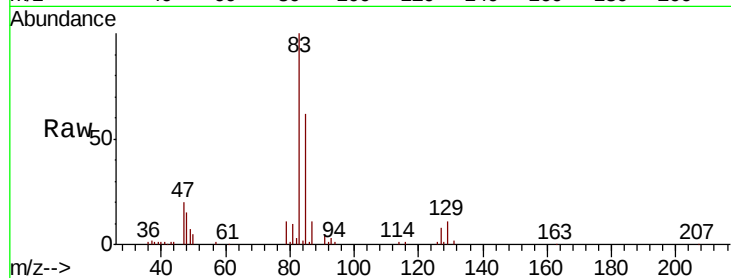
#47
Bromodichloromethane
Concen: 21.039 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion	83	Resp	96056
Ion Ratio	100	Lower	Upper
83	100		
85	62.2	51.4	77.0
127	8.4	6.7	10.1

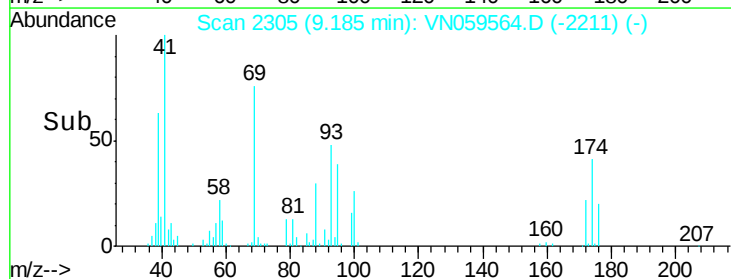
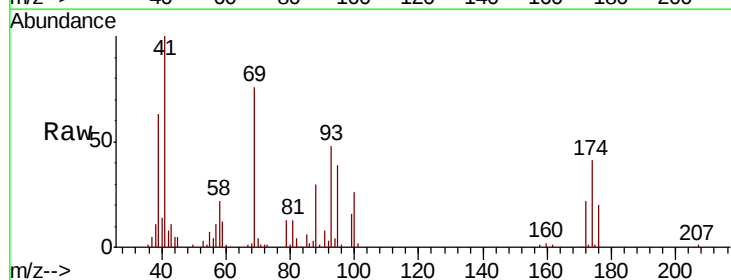
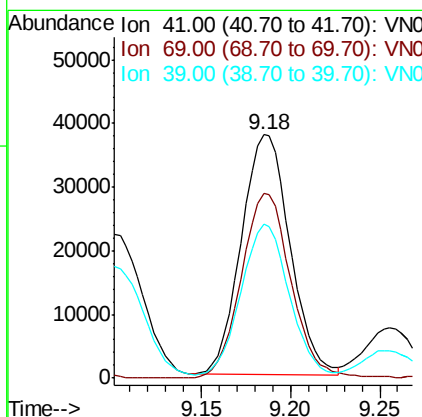
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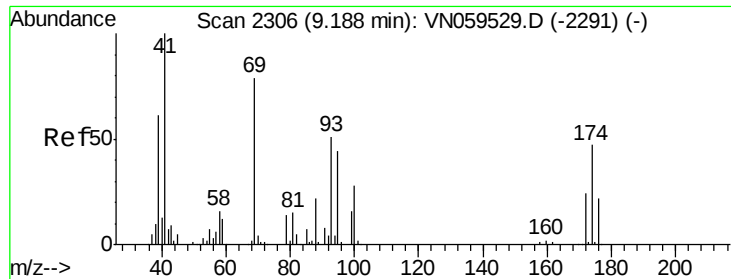
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#48
Methyl methacrylate
Concen: 20.753 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	41	Resp	71947
Ion Ratio	100	Lower	Upper
41	100		
69	78.4	64.0	96.0
39	64.3	50.0	75.0





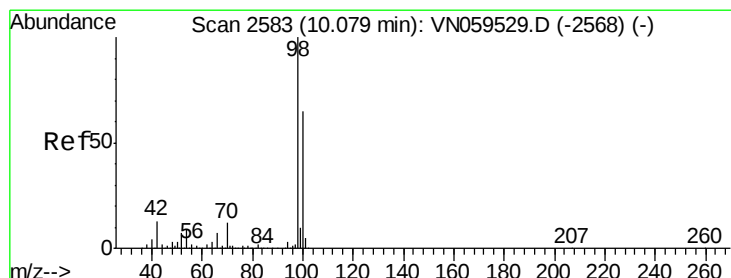
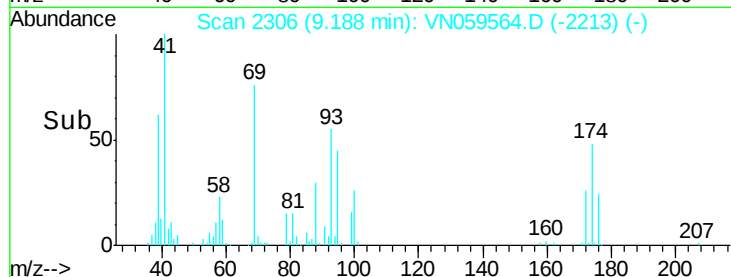
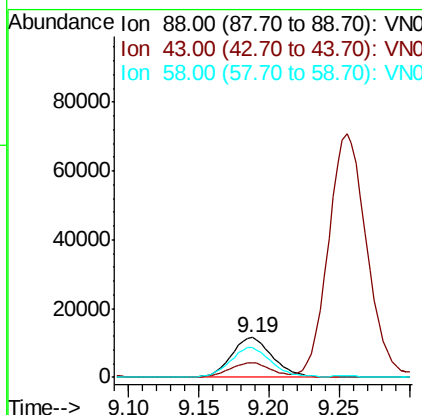
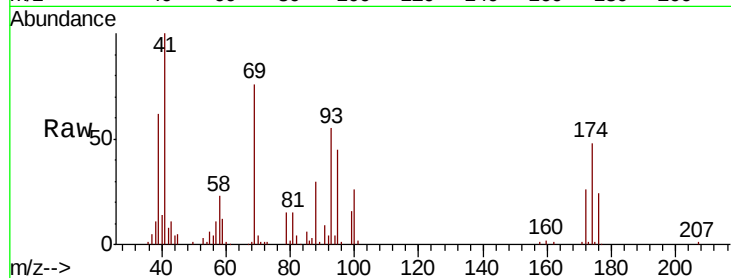
#49
1,4-Dioxane
Concen: 534.884 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	31.4	47.0
58	75.3	61.0	91.6

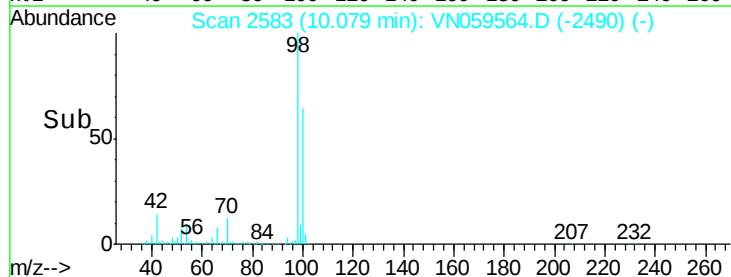
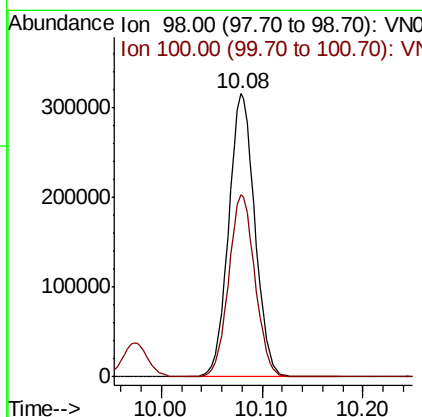
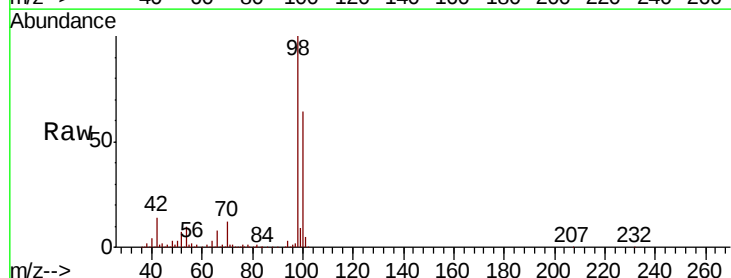
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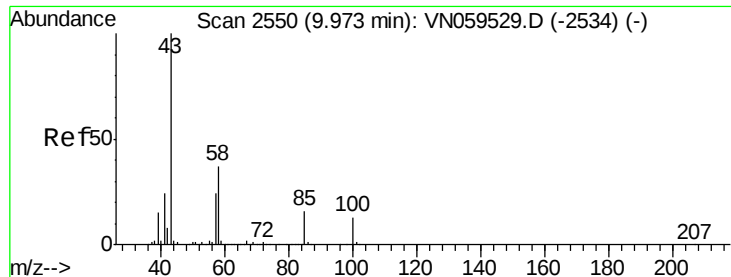
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#50
Toluene-d8
Concen: 52.250 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 102.123 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

Tot Ion: 43 Resp: 516902

Ion Ratio Lower Upper

43 100

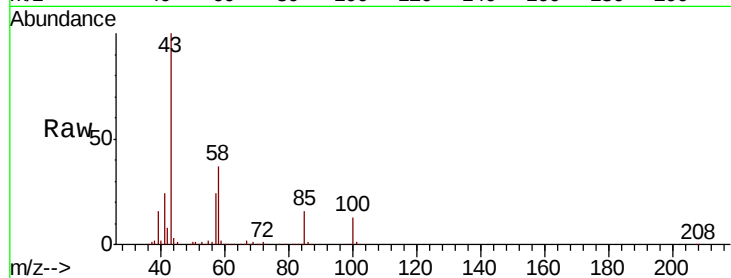
58 36.8 30.1 45.1

Manual Integrations

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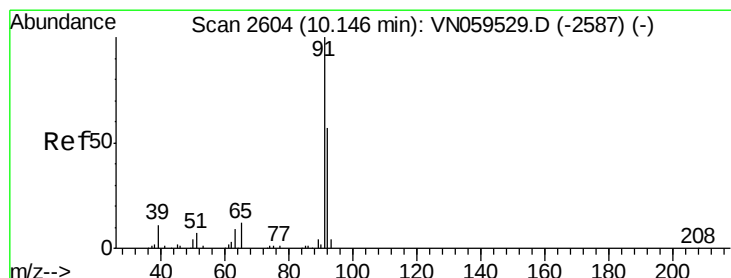
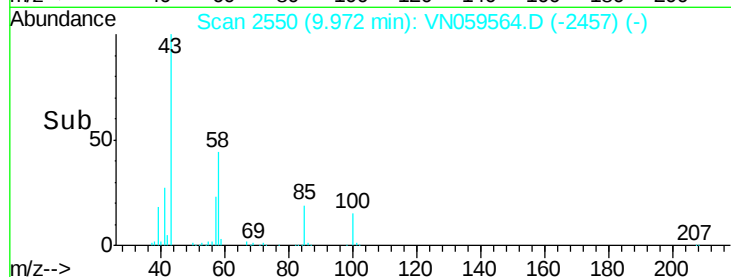
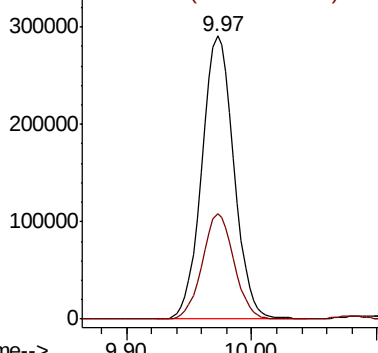
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.549 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059564.D

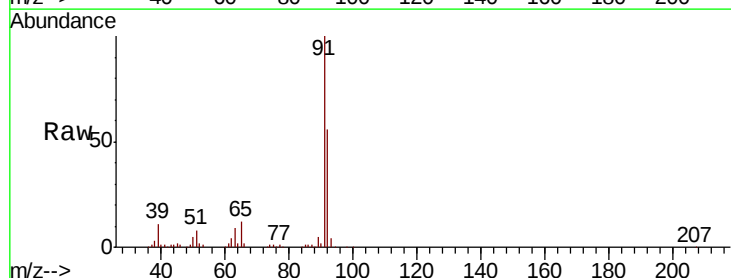
Acq: 11 Dec 2019 16:08

Tgt Ion: 92 Resp: 160656

Ion Ratio Lower Upper

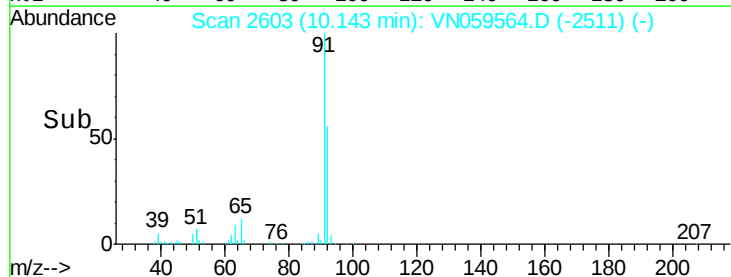
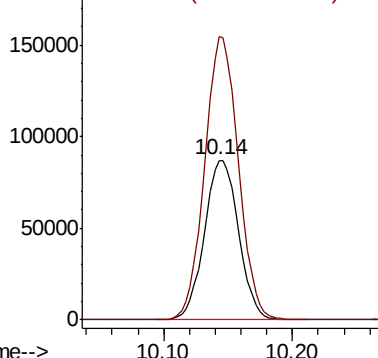
92 100

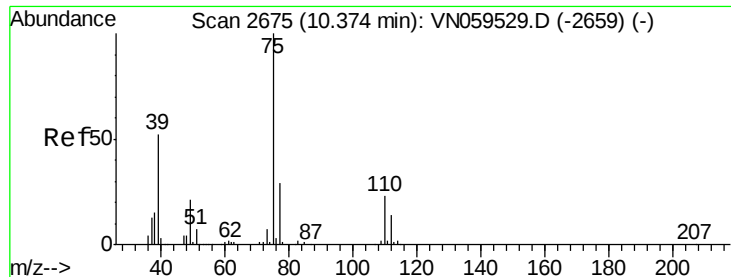
91 175.1 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





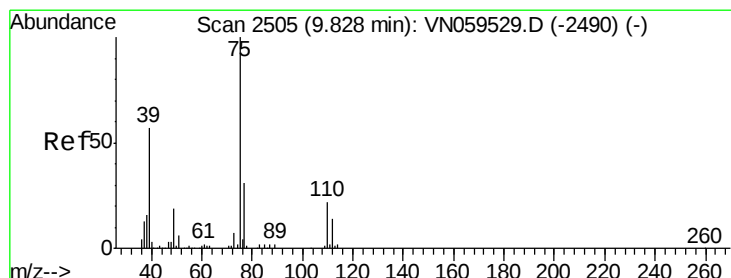
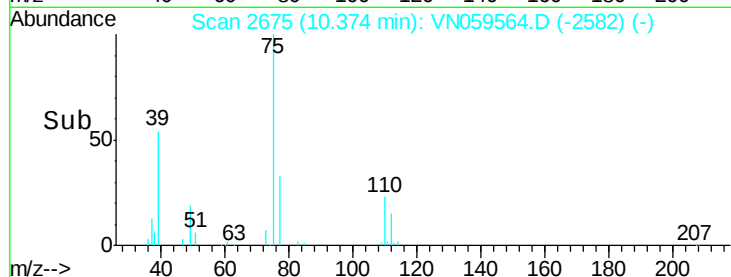
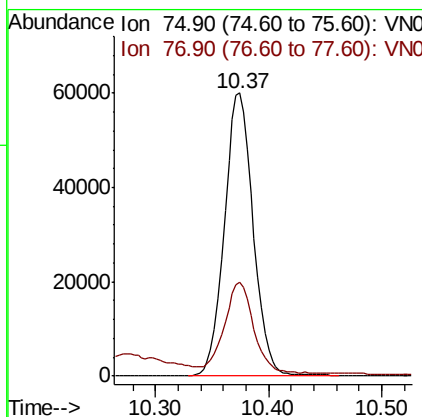
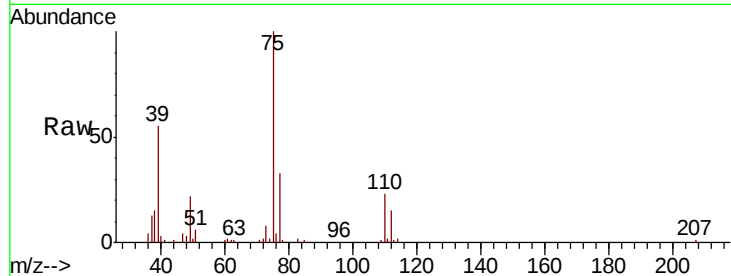
#53
t-1,3-Dichloropropene
Concen: 19.948 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion: 75 Resp: 106115
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7

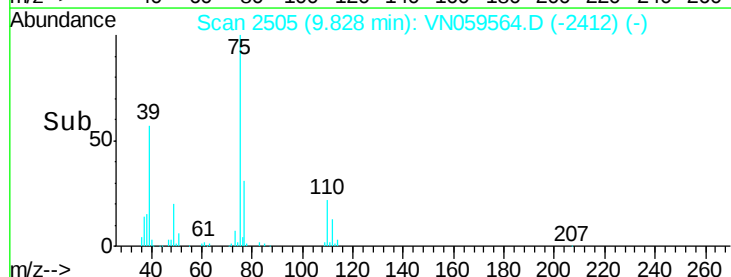
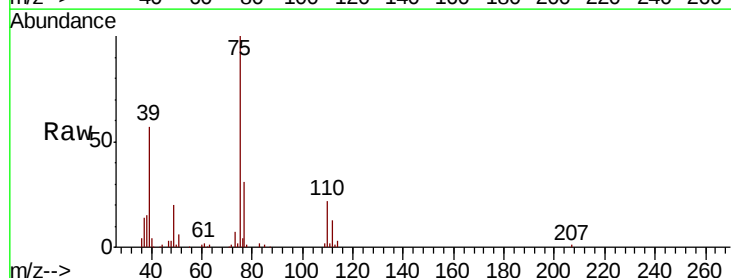
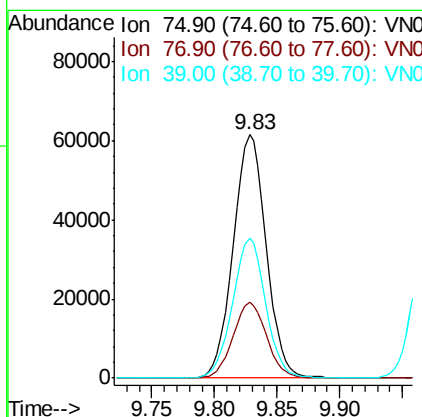
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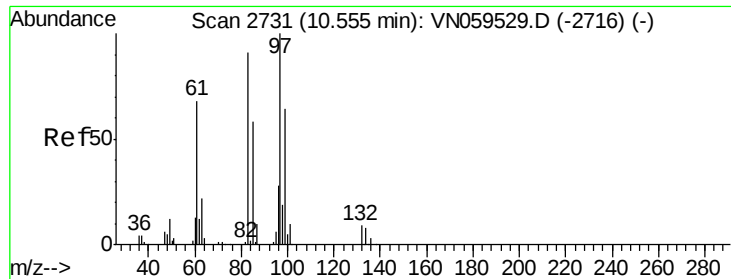
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#54
cis-1,3-Dichloropropene
Concen: 20.674 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion: 75 Resp: 112559
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8
39 57.3 45.6 68.4





#55

1,1,2-Trichloroethane

Concen: 20.290 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

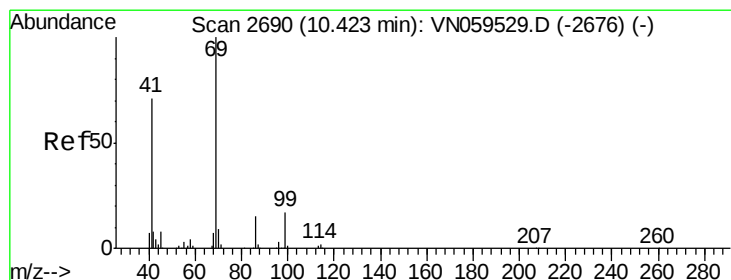
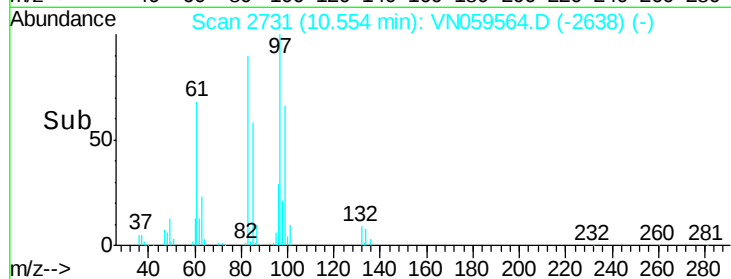
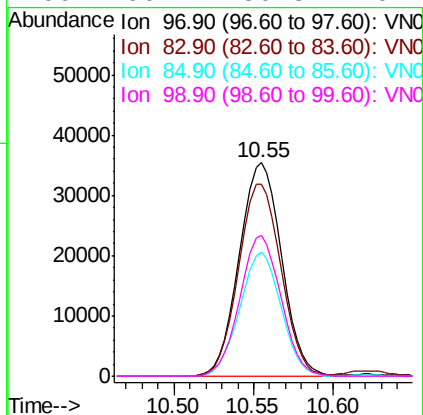
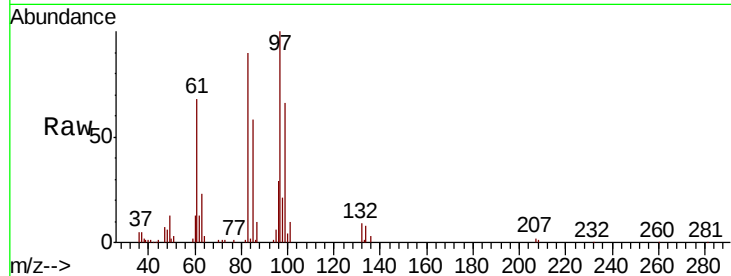
ClientSampleId :

VN1211WBSD01

Tot Ion:	97	Resp:	64157
Ion	Ratio	Lower	Upper
97	100		
83	90.2	72.9	109.3
85	58.0	46.1	69.1
99	66.1	50.8	76.2

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#56

Ethyl methacrylate

Concen: 18.602 ug/l

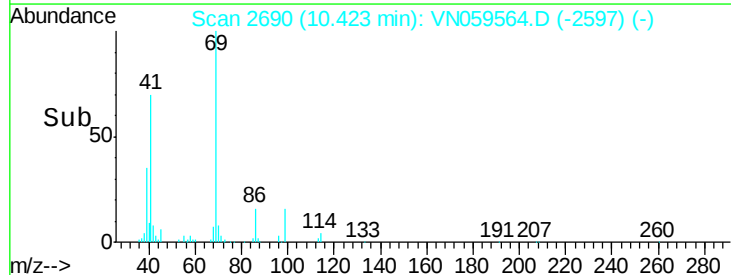
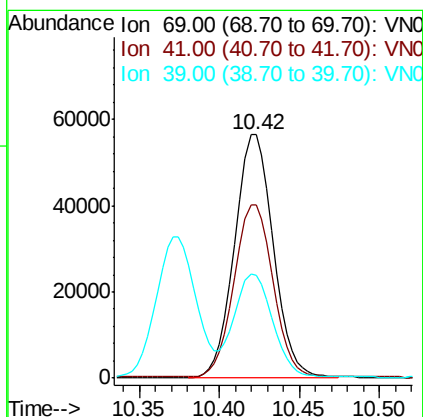
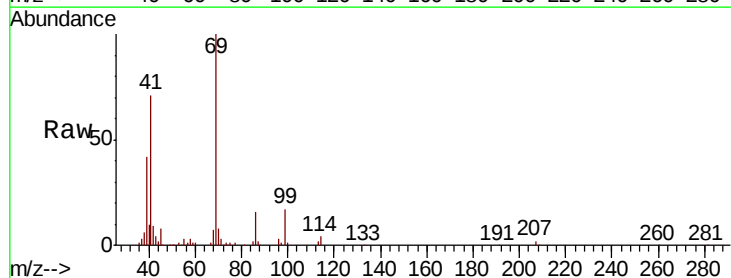
RT: 10.42 min Scan# 2690

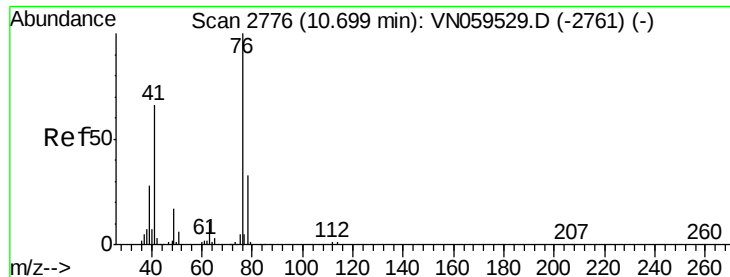
Delta R.T. 0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Tgt Ion:	69	Resp:	93724
Ion	Ratio	Lower	Upper
69	100		
41	71.1	57.7	86.5
39	42.4	34.2	51.2





#57

1,3-Dichloropropane

Concen: 20.777 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

Tot Ion: 76 Resp: 112206

Ion Ratio Lower Upper

76 100

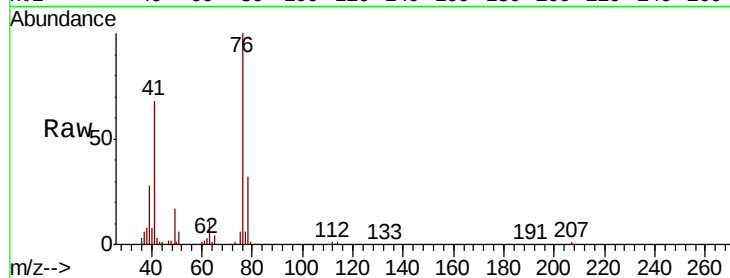
78 32.7 26.1 39.1

Manual Integrations

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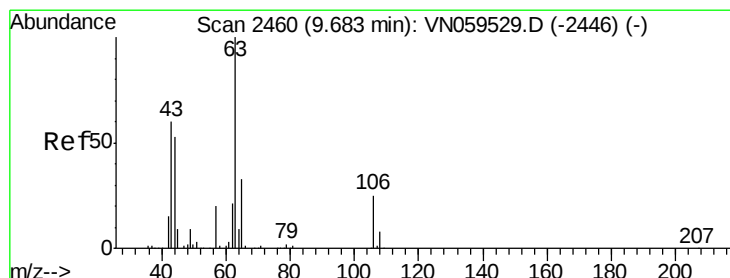
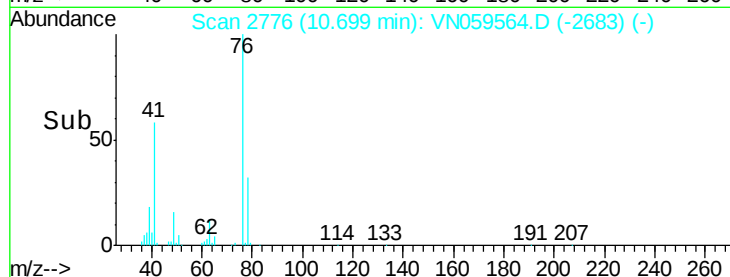
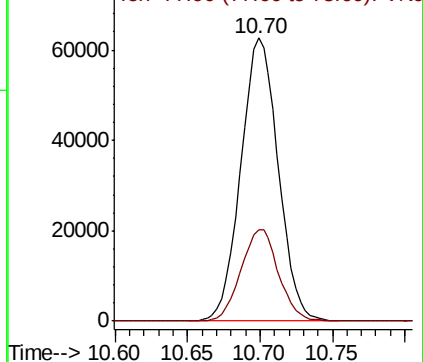
apatel

12/12/2019 9:25:37 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 122.398 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059564.D

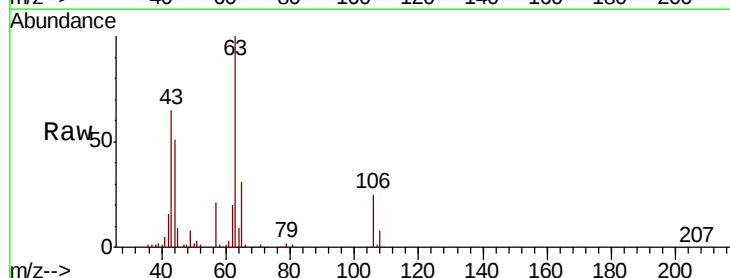
Acq: 11 Dec 2019 16:08

Tgt Ion: 63 Resp: 158549

Ion Ratio Lower Upper

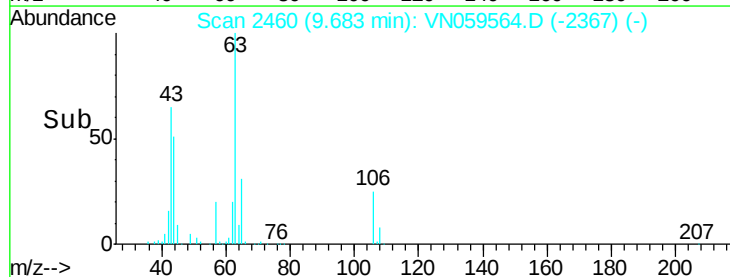
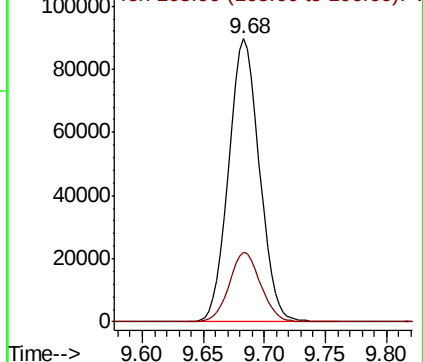
63 100

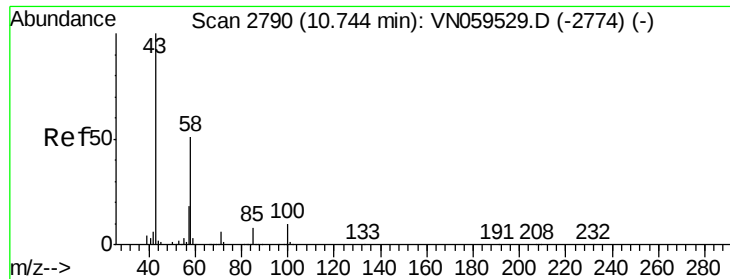
106 25.0 19.9 29.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





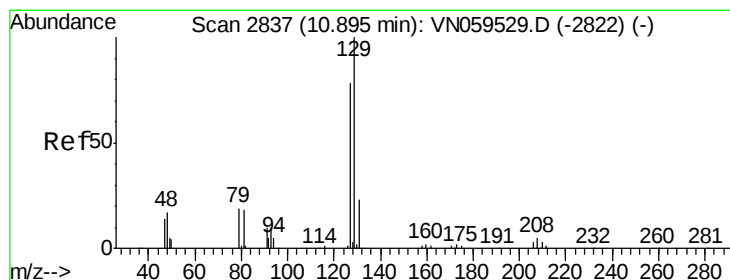
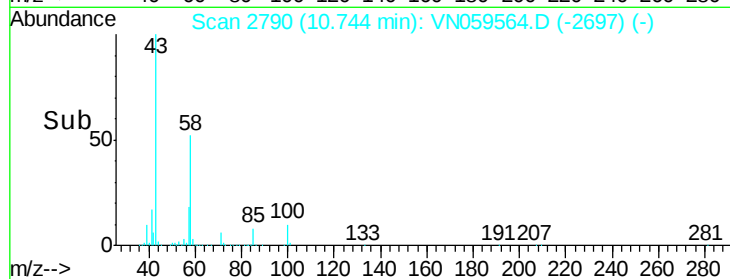
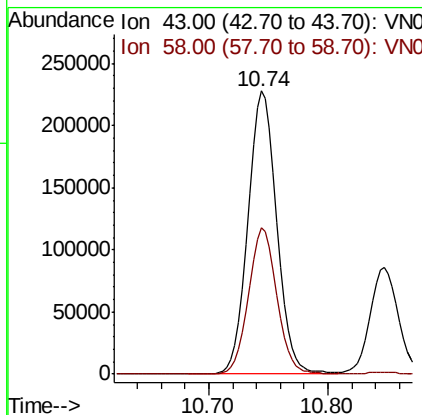
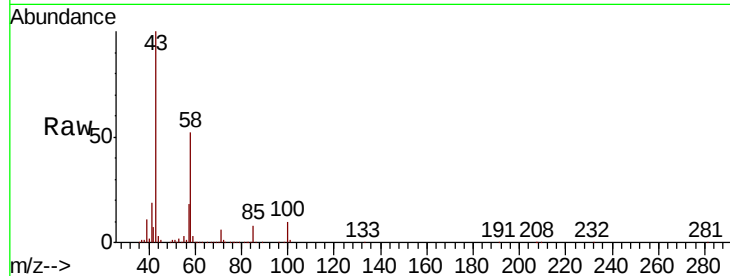
#59
2-Hexanone
Concen: 100.823 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion: 43 Resp: 382834
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.6

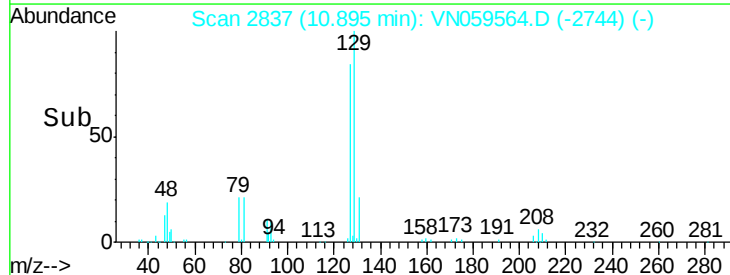
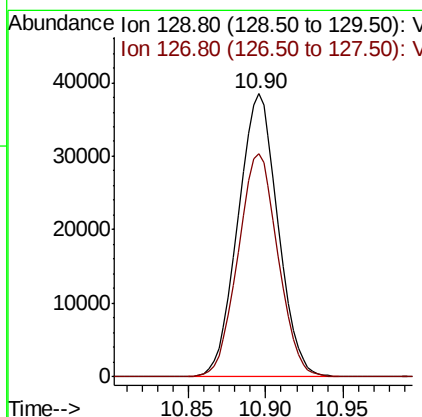
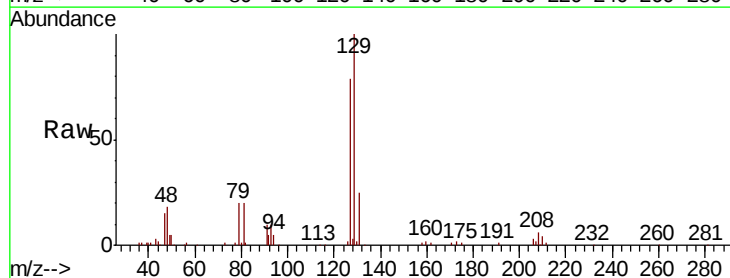
Manual Integrations
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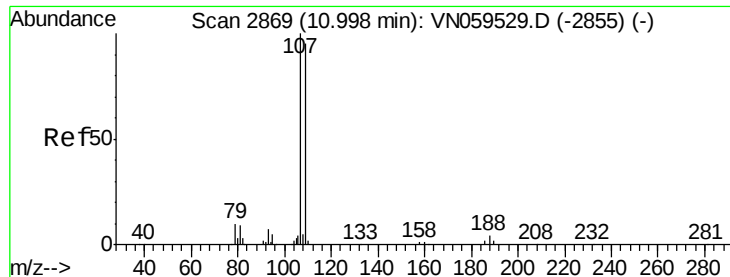
apatel
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#60
Dibromochloromethane
Concen: 18.978 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion: 129 Resp: 69115
Ion Ratio Lower Upper
129 100
127 78.8 38.9 116.6





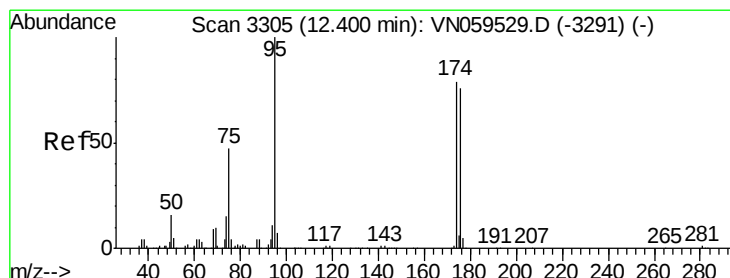
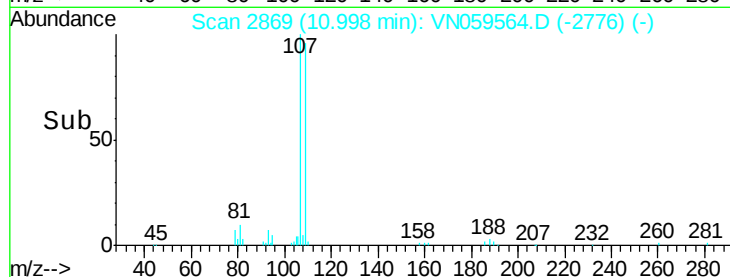
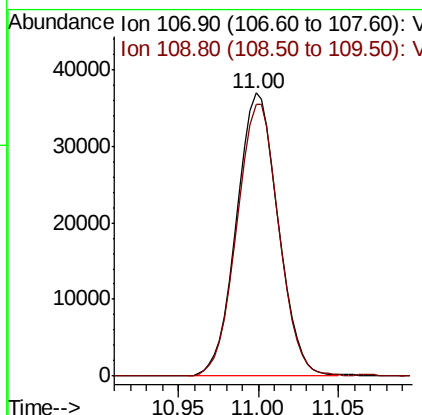
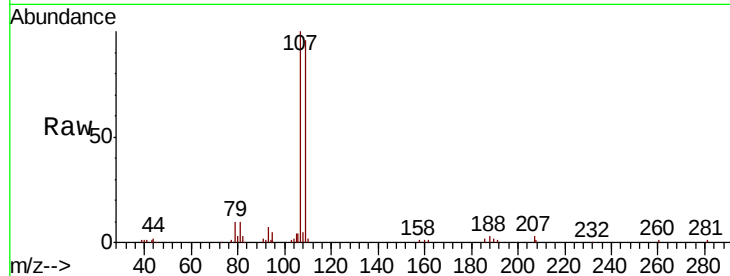
#61
 1,2-Dibromoethane
 Concen: 19.868 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.0	76.1	114.1

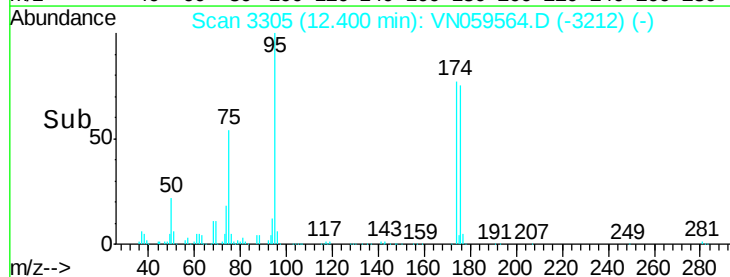
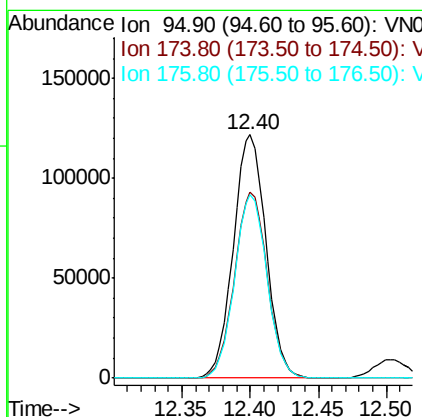
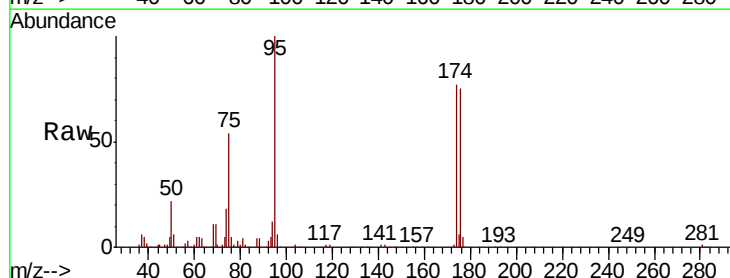
Manual Integrations
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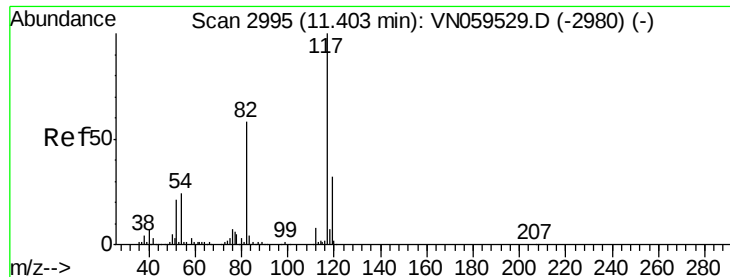
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.211 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	158.0
176	74.7	0.0	155.4





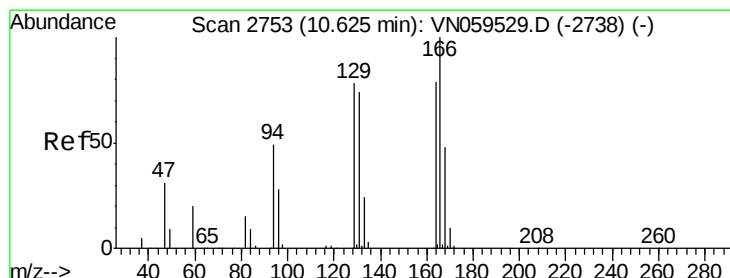
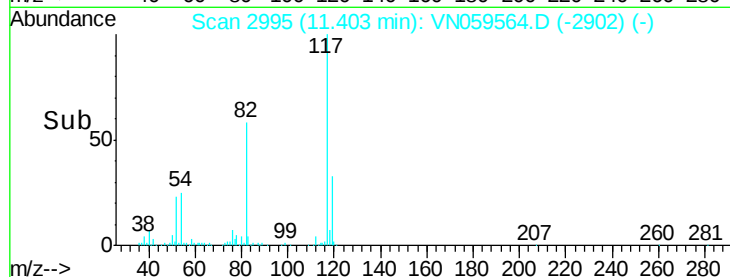
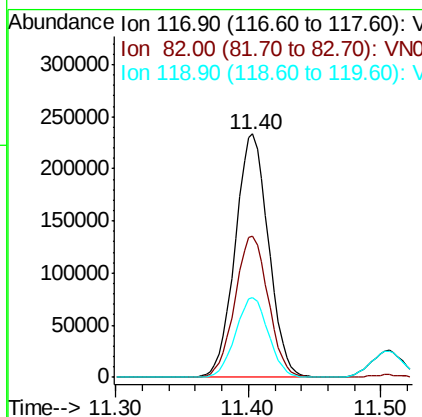
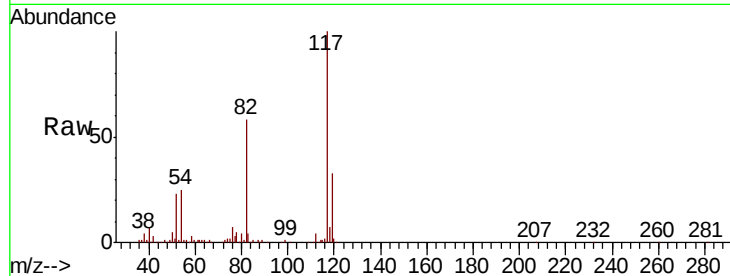
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.5	69.7
119	32.9	25.2	37.8

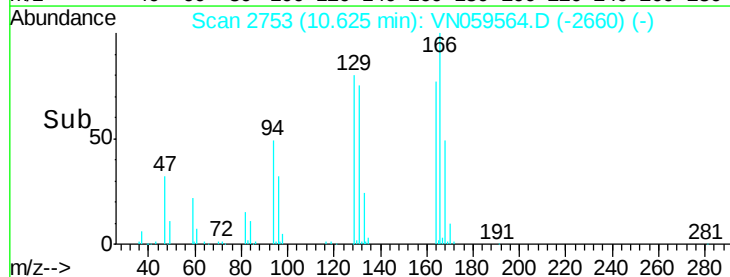
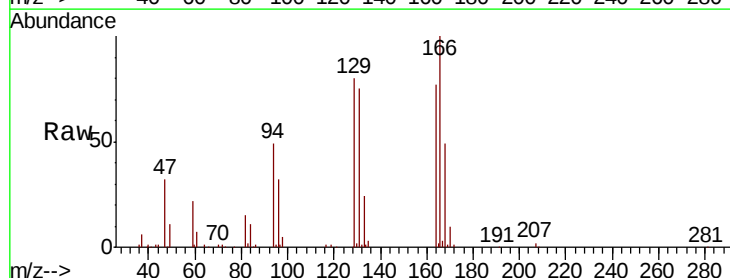
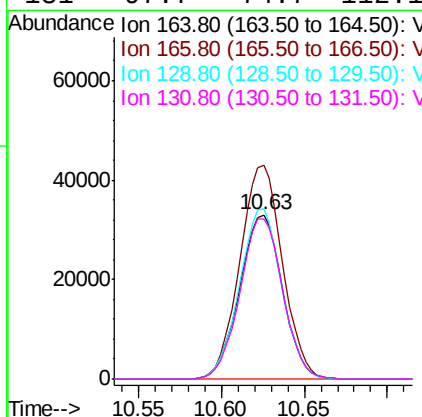
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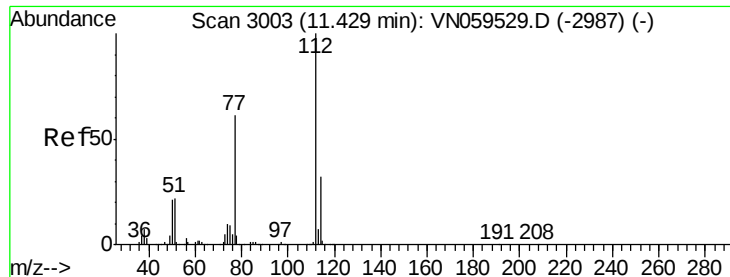
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#64
Tetrachloroethene
Concen: 19.925 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	101.6	152.4
129	103.6	79.0	118.6
131	97.7	74.7	112.1





#65

Chlorobenzene

Concen: 19.691 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

Tot Ion:112 Resp: 167844

Ion Ratio Lower Upper

112 100

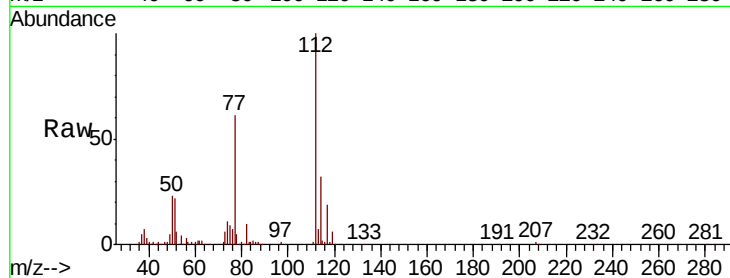
114 31.8 26.0 39.0

Manual Integrations

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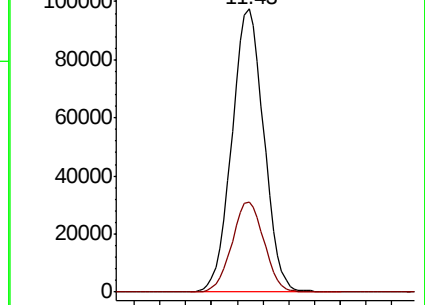
apatel

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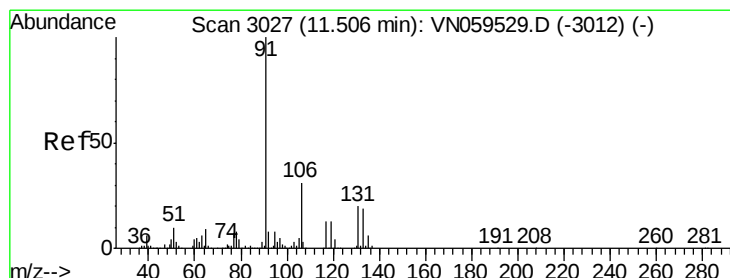
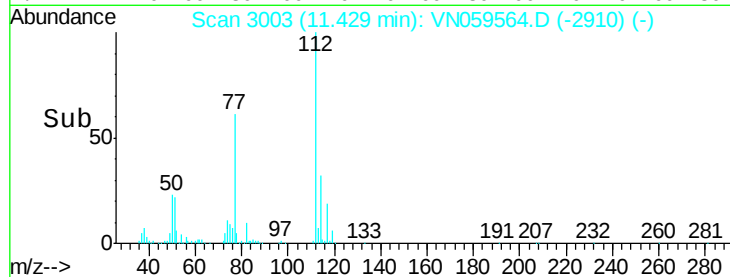


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.321 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

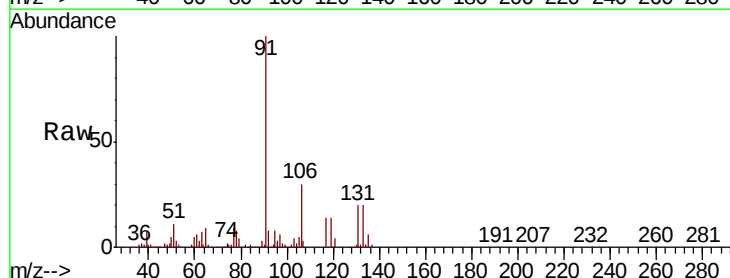
Tgt Ion:131 Resp: 64604

Ion Ratio Lower Upper

131 100

133 98.6 47.8 143.3

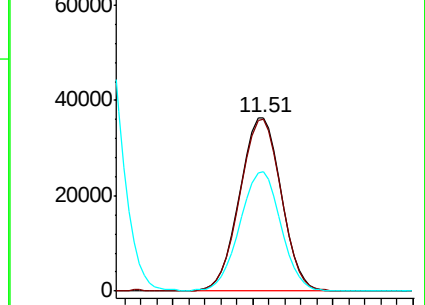
119 68.1 33.4 100.2



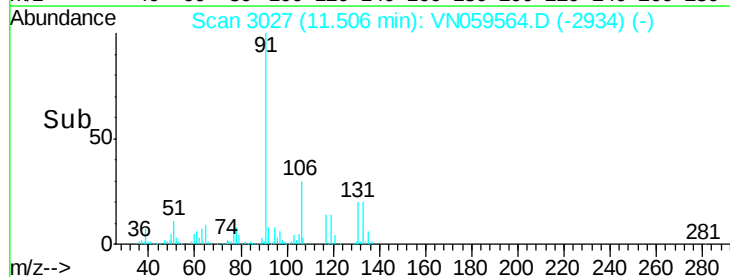
Abundance Ion 130.80 (130.50 to 131.50): V

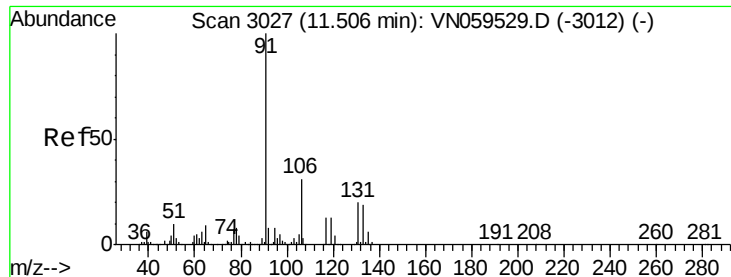
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 19.939 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

Tot Ion: 91 Resp: 305843

Ion Ratio Lower Upper

91 100

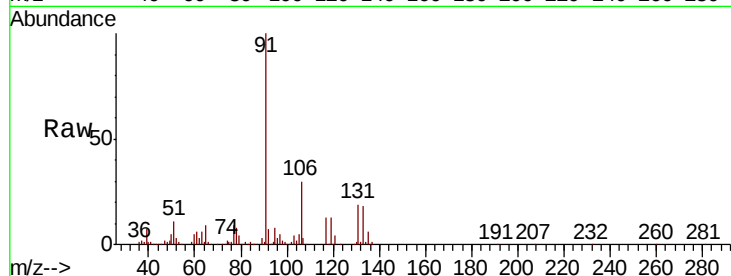
106 30.0 24.5 36.7

Manual Integrations

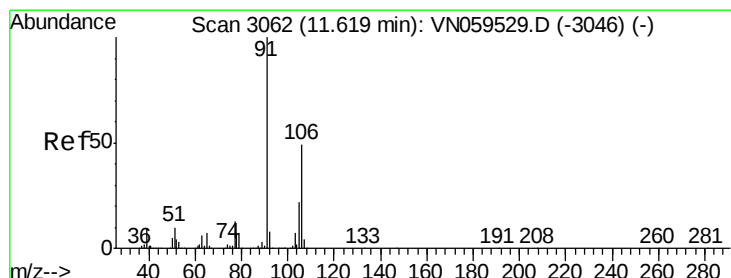
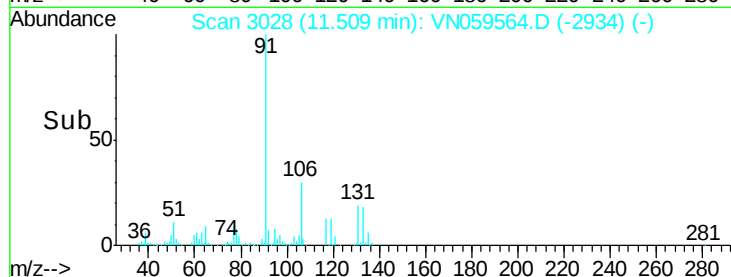
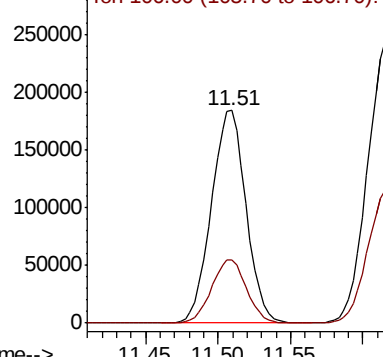
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Abundance Ion 91.00 (90.70 to 91.70): VN059529.D (-3012) (-)



#68

m/p-Xylenes

Concen: 39.150 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059564.D

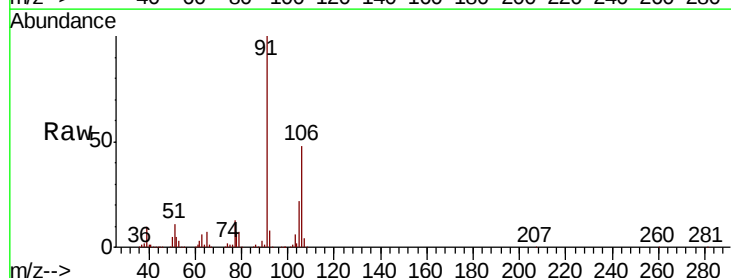
Acq: 11 Dec 2019 16:08

Tgt Ion: 106 Resp: 225272

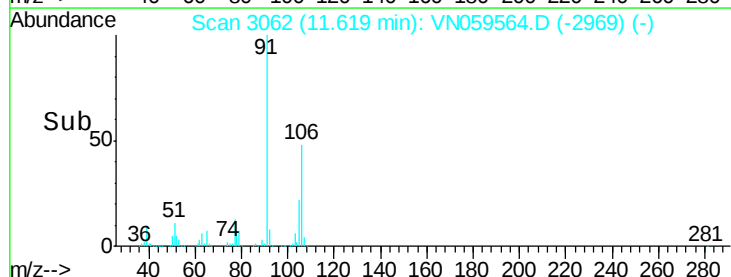
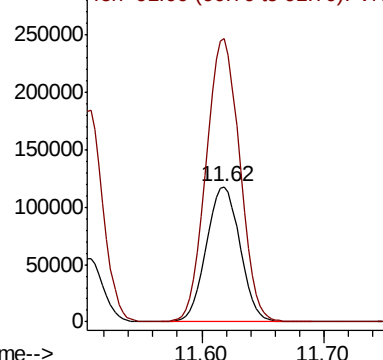
Ion Ratio Lower Upper

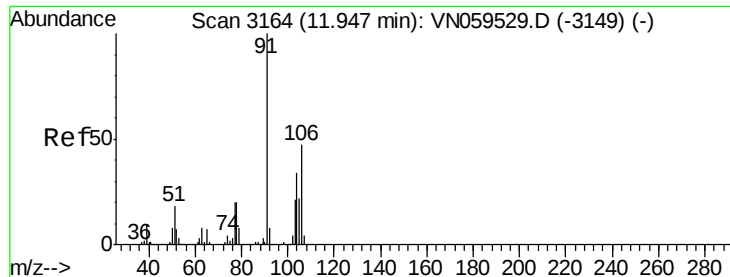
106 100

91 208.8 162.9 244.3



Abundance Ion 106.00 (105.70 to 106.70): VN059529.D (-3046) (-)





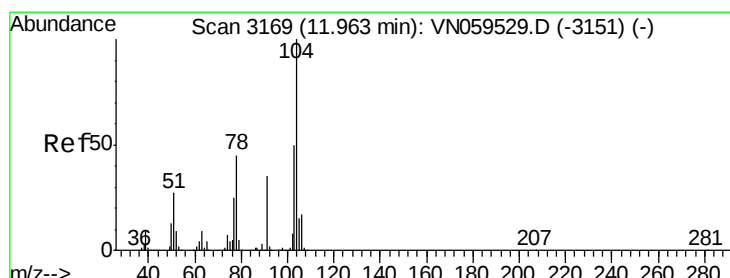
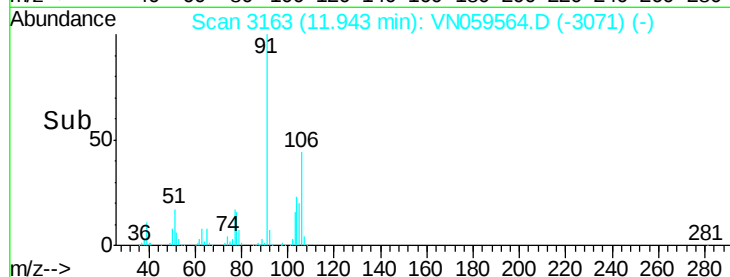
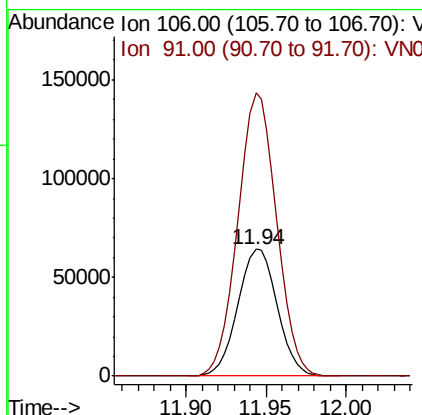
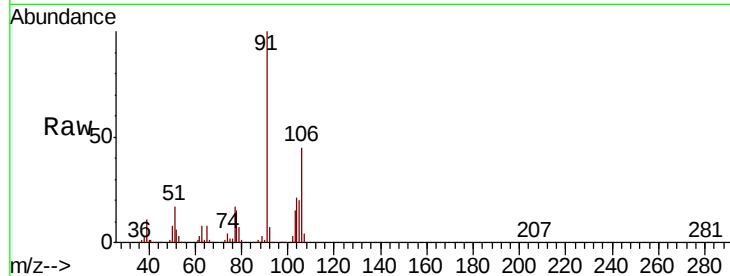
#69
o-Xylene
Concen: 20.076 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion:106 Resp: 107522
Ion Ratio Lower Upper
106 100
91 219.7 106.7 319.9

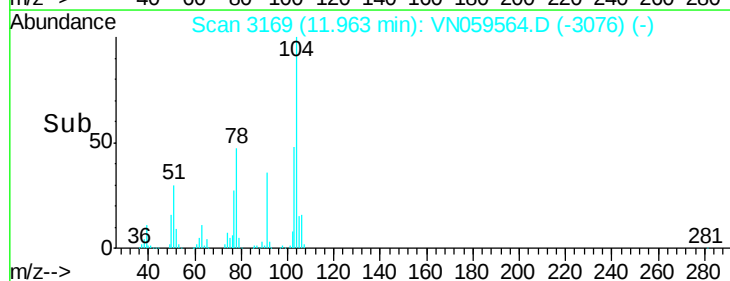
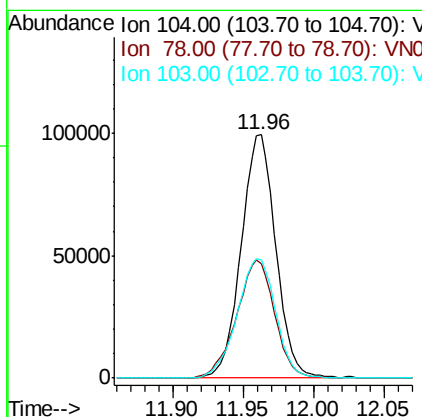
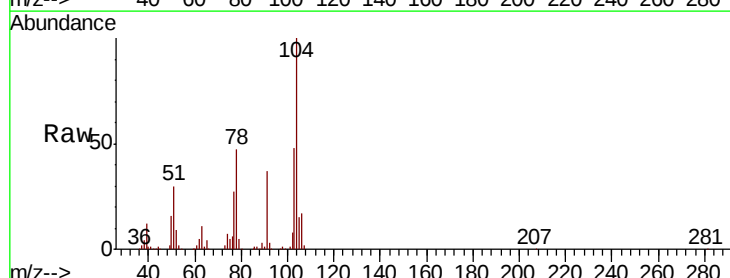
Manual Integrations
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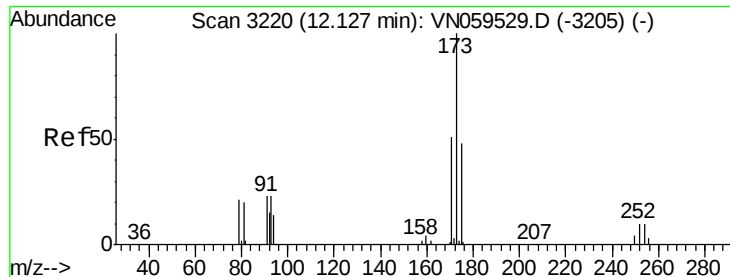
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#70
Styrene
Concen: 19.314 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion:104 Resp: 171372
Ion Ratio Lower Upper
104 100
78 53.5 40.6 60.8
103 54.8 43.9 65.9





#71

Bromoform

Concen: 19.231 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

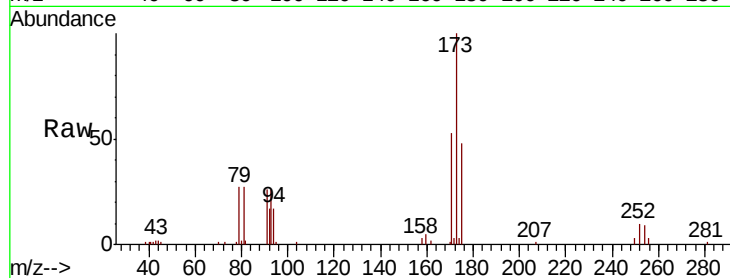
ClientSampleId :

VN1211WBSD01

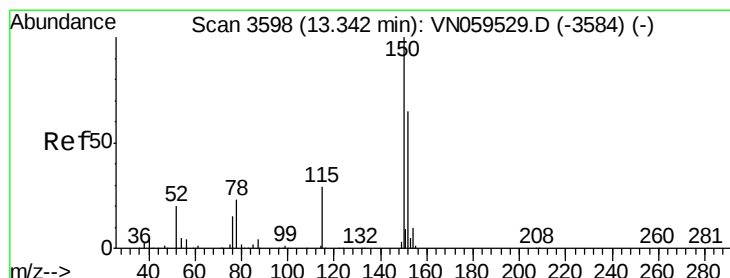
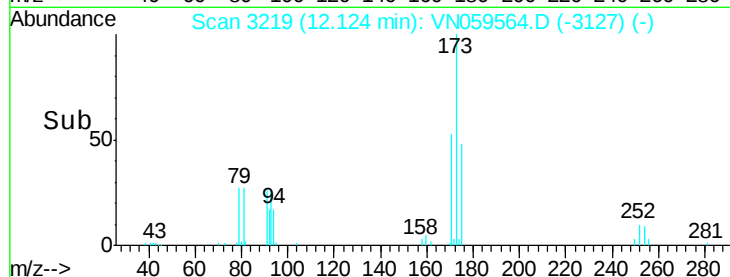
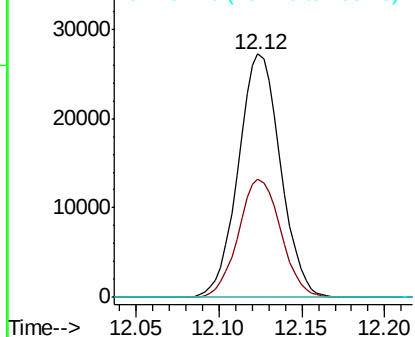
Tot Ion:	173	Resp:	48105
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.1	72.4
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

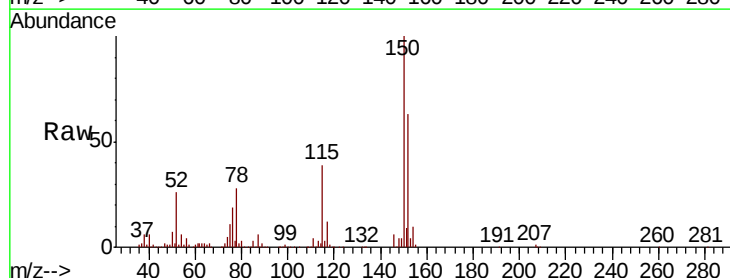
RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

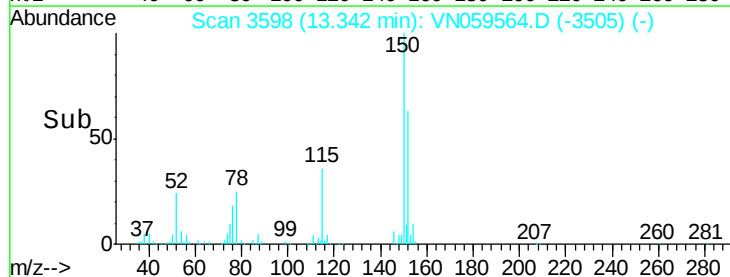
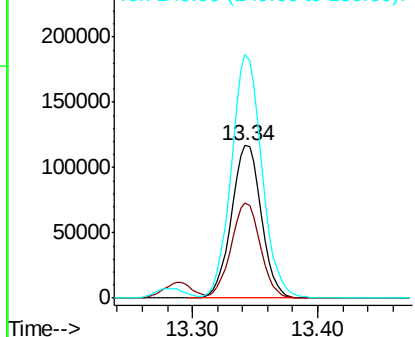
Lab File: VN059564.D

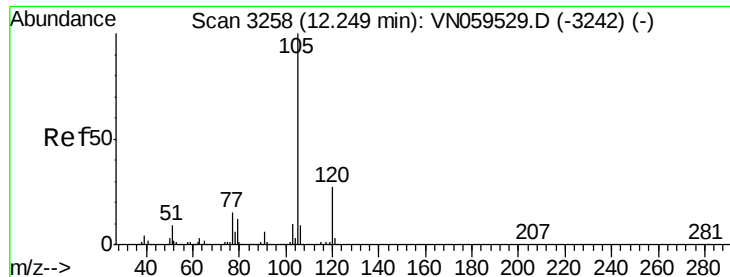
Acq: 11 Dec 2019 16:08

Tgt Ion:	152	Resp:	192831
Ion Ratio	Lower	Upper	
152	100		
115	61.6	29.4	88.2
150	162.9	0.0	342.4



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: 19.853 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

Tot Ion: 105 Resp: 287161

Ion Ratio Lower Upper

105 100

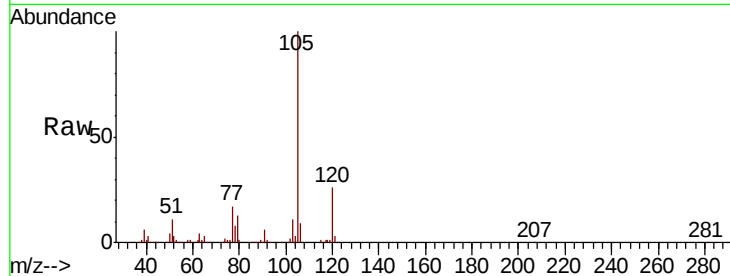
120 26.1 13.2 39.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

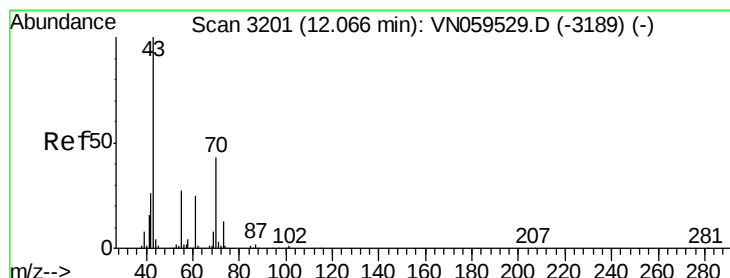
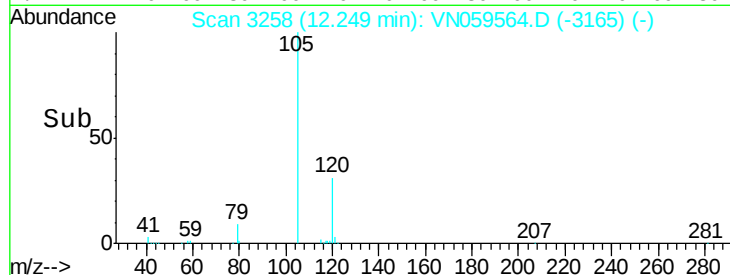
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 20.859 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Tgt Ion: 43 Resp: 131425

Ion Ratio Lower Upper

43 100

70 39.4 34.2 51.4

55 26.1 21.3 31.9

61 22.5 19.8 29.8

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

120000

100000

80000

60000

40000

20000

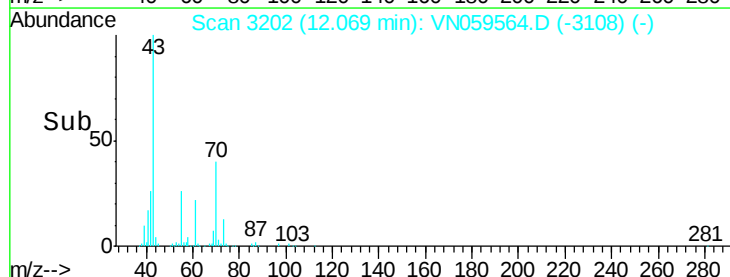
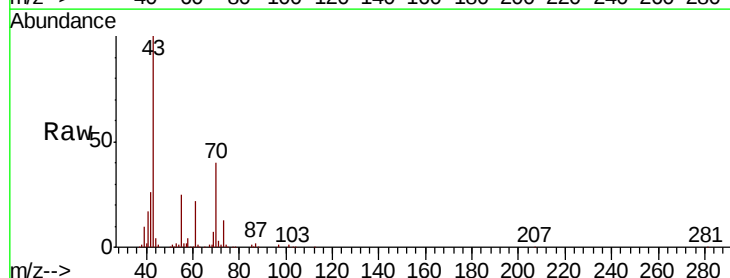
0

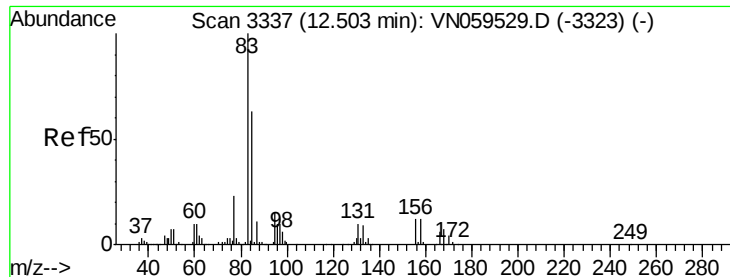
12.00

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.811 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

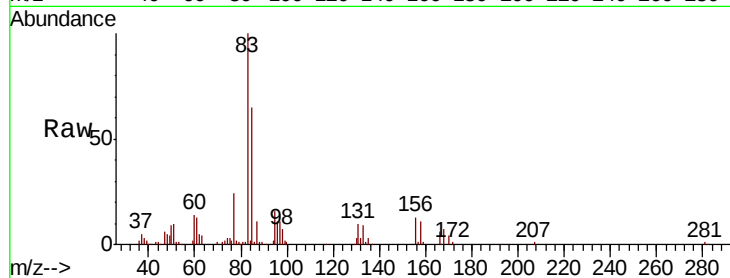
ClientSampleId :

VN1211WBSD01

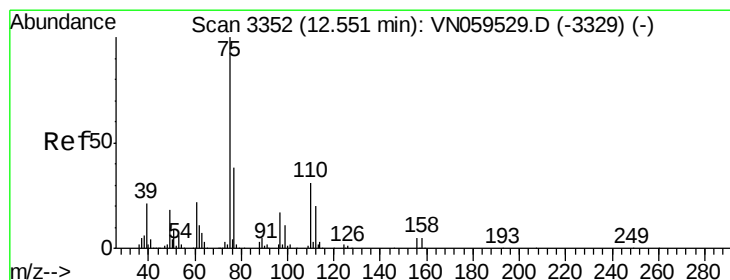
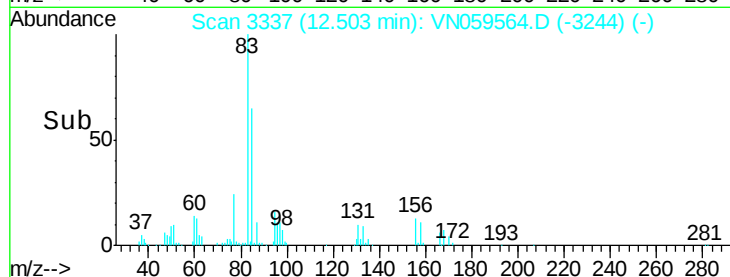
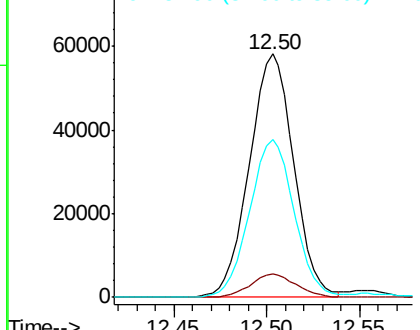
Tot Ion:	83	Resp:	97100
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	65.3	31.6	95.0

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Abundance Ion 82.90 (82.60 to 83.60): VN059564.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 20.807 ug/l m

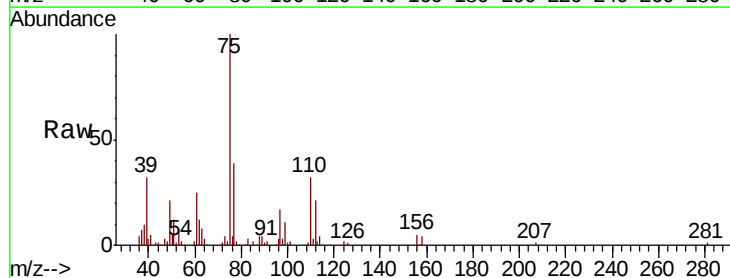
RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

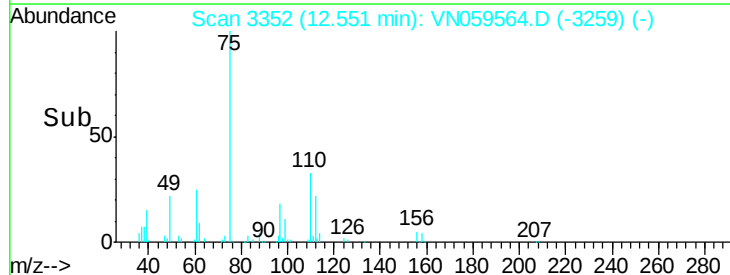
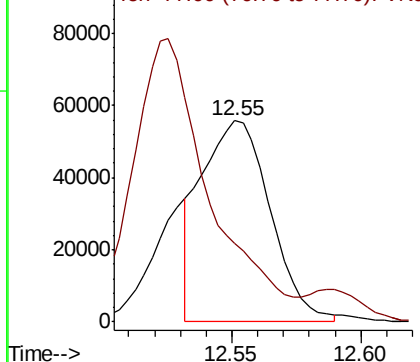
Lab File: VN059564.D

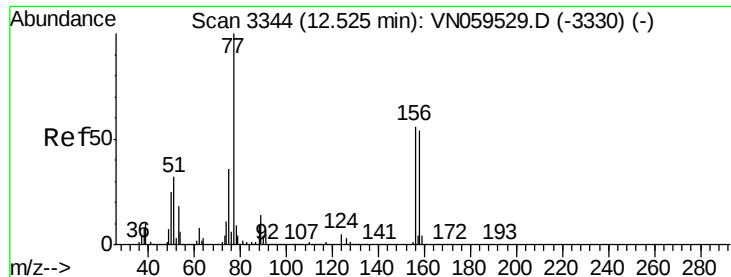
Acq: 11 Dec 2019 16:08

Tgt Ion:	75	Resp:	102605
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059564.D (-3259) (-)





#77

Bromobenzene

Concen: 19.572 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

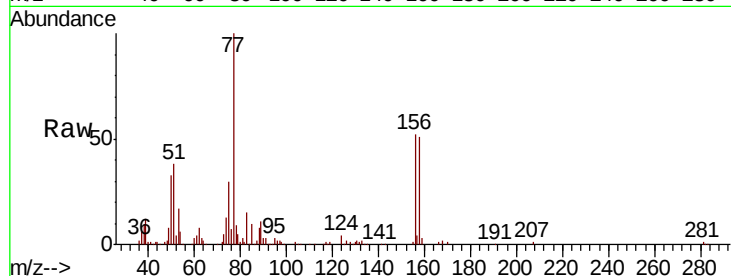
ClientSampleId :

VN1211WBSD01

Tot Ion:	156	Resp:	70480
Ion Ratio	Lower	Upper	
156	100		
77	230.8	109.3	327.8
158	96.2	48.6	145.8

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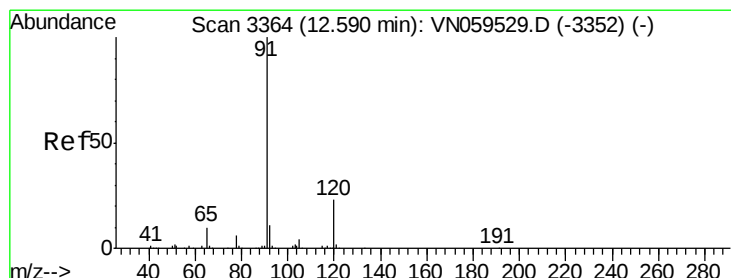
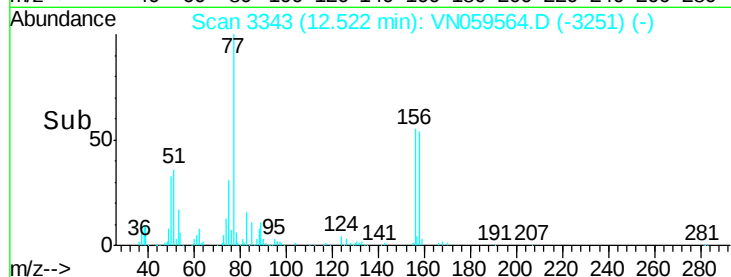
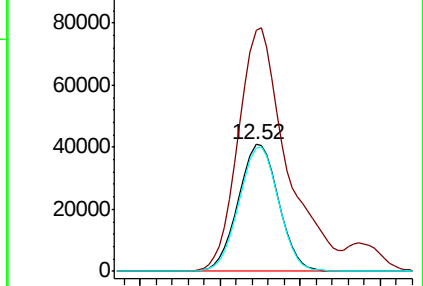
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.476 ug/l

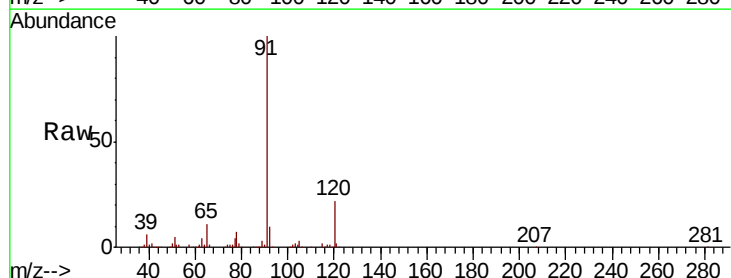
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059564.D

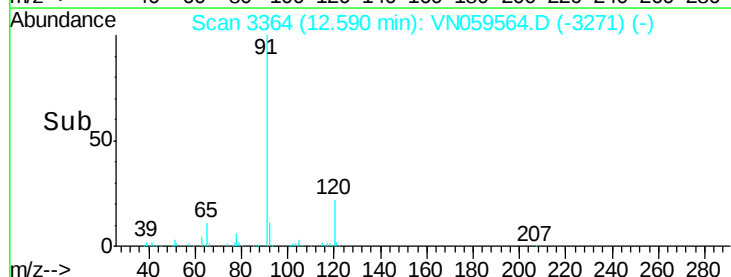
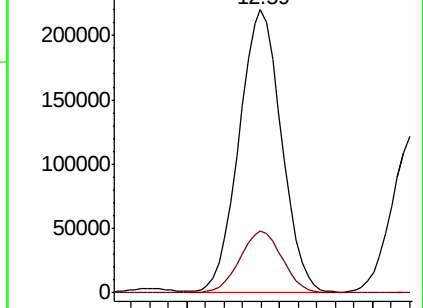
Acq: 11 Dec 2019 16:08

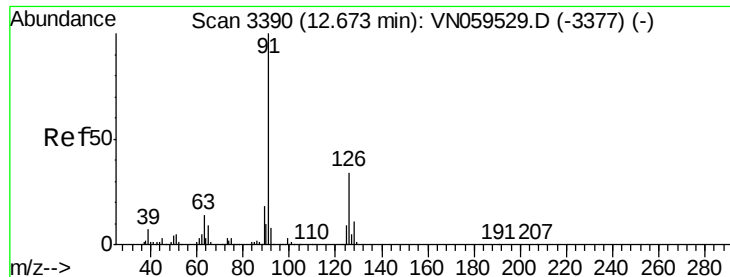
Tgt Ion:	91	Resp:	346164
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.107 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

Tot Ion: 91 Resp: 202505

Ion Ratio Lower Upper

91 100

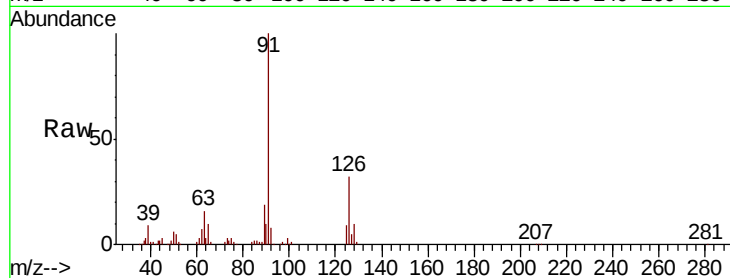
126 32.5 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VN059529.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN059529.D (-3377) (-)

250000

200000

150000

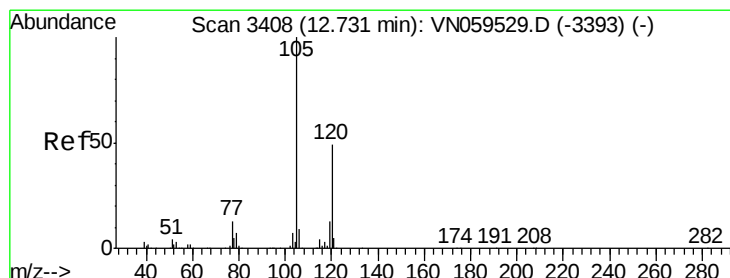
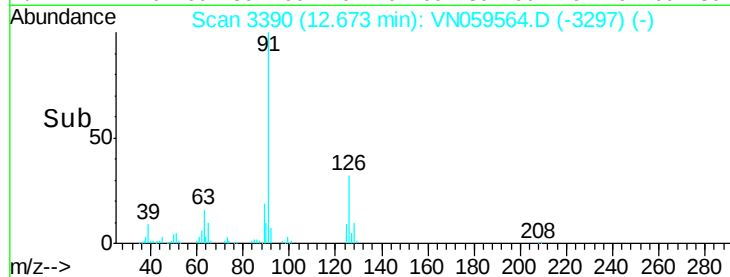
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.804 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059564.D

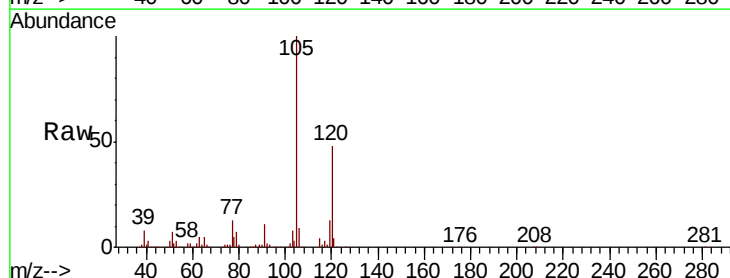
Acq: 11 Dec 2019 16:08

Tgt Ion: 105 Resp: 245642

Ion Ratio Lower Upper

105 100

120 47.8 24.5 73.5



Abundance Ion 105.00 (104.70 to 105.70): VN059529.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN059529.D (-3393) (-)

150000

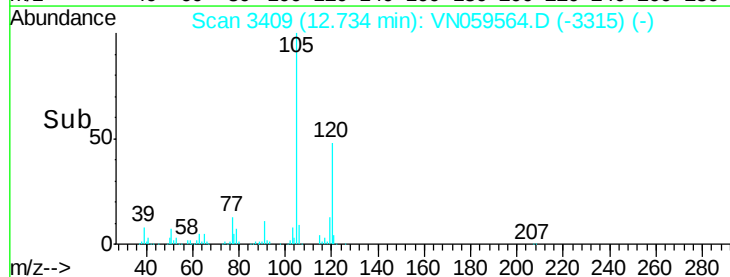
100000

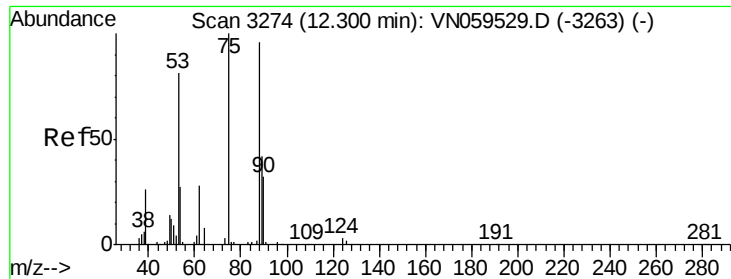
50000

0

12.70 12.75 12.80

Time-->





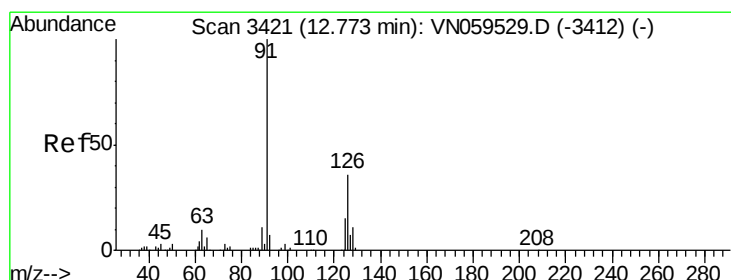
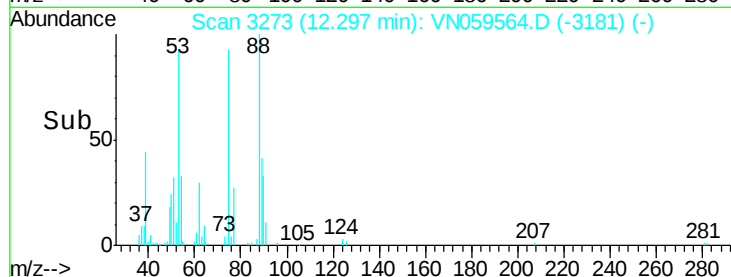
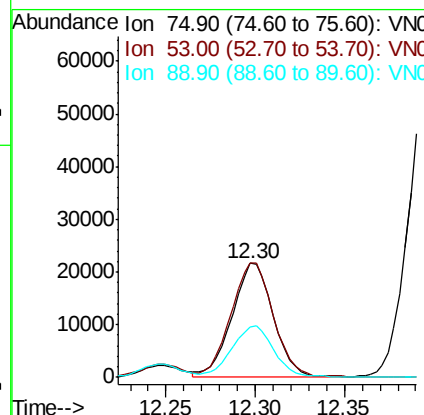
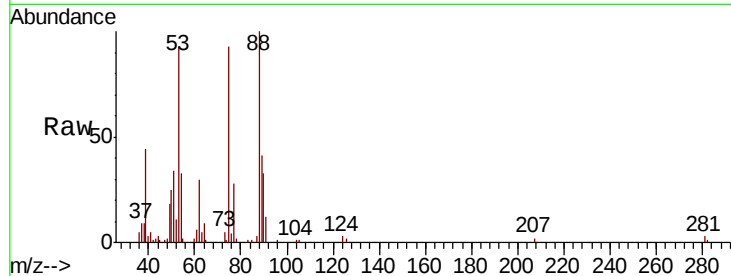
#81
trans-1,4-Dichloro-2-butene
Concen: 19.005 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.3	67.0	100.6#
89	46.3	35.5	53.3

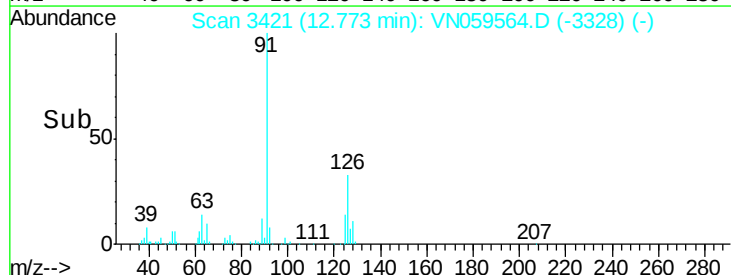
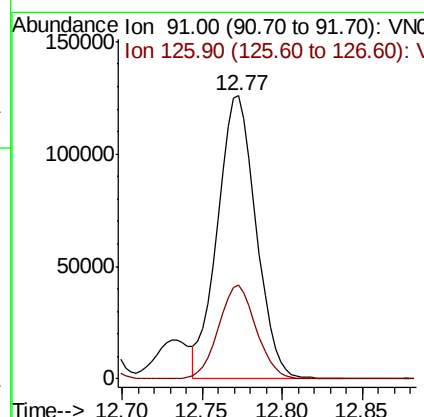
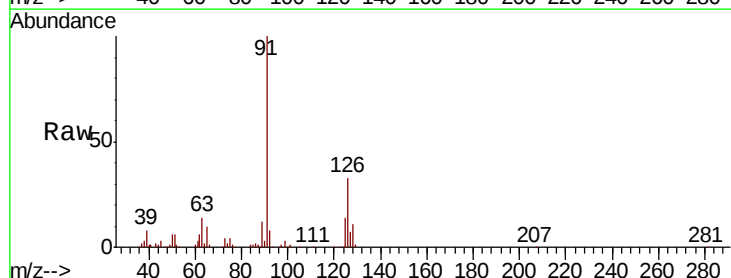
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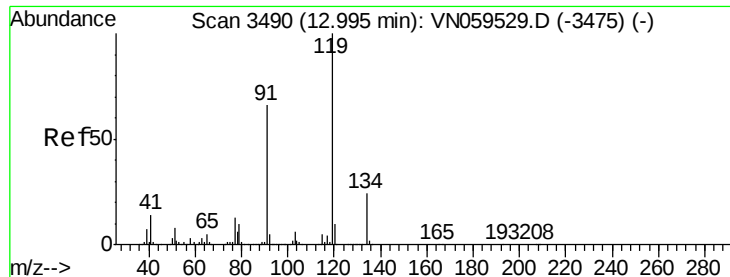
apatel
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#82
4-Chlorotoluene
Concen: 19.212 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.4	49.4





#83

tert-Butylbenzene

Concen: 19.514 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Instrument :

MSVOA_N

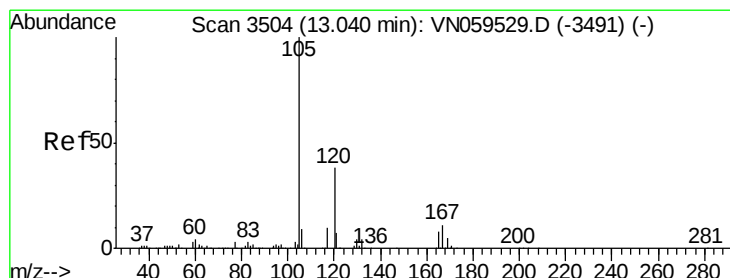
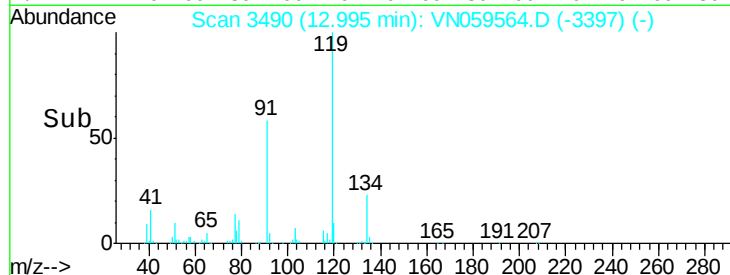
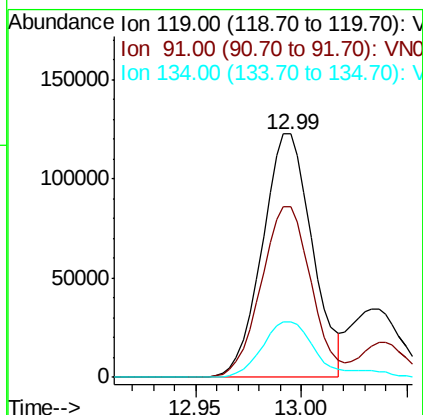
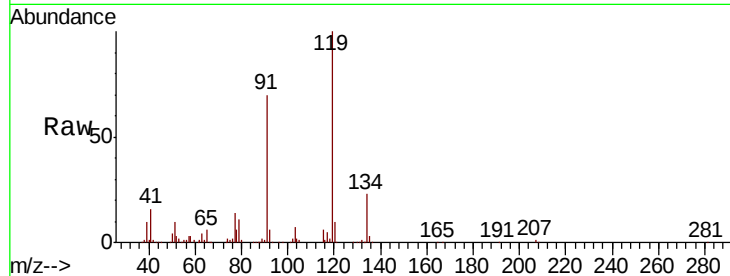
ClientSampleId :

VN1211WBSD01

Tot Ion:	119	Resp:	201844
Ion Ratio	Lower	Upper	
119	100		
91	70.3	32.8	98.4
134	25.6	12.8	38.3

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#84

1,2,4-Trimethylbenzene

Concen: 20.232 ug/l

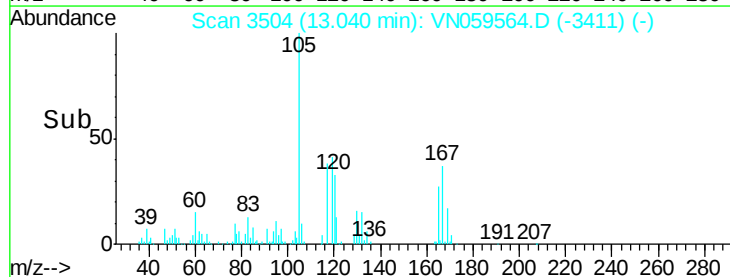
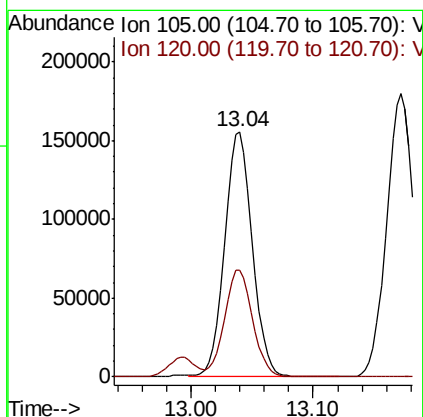
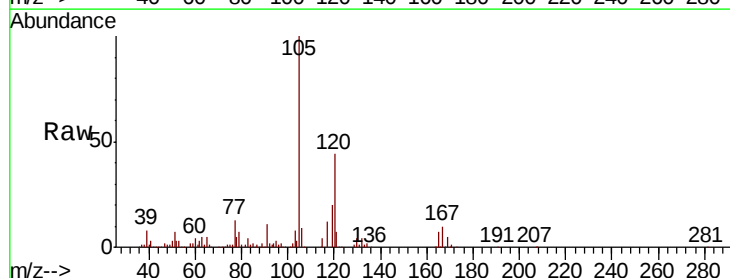
RT: 13.04 min Scan# 3504

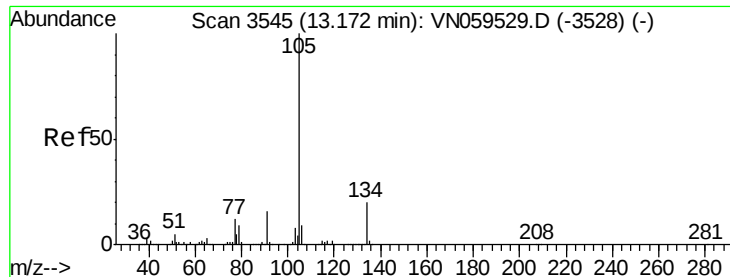
Delta R.T. -0.00 min

Lab File: VN059564.D

Acq: 11 Dec 2019 16:08

Tgt Ion:	105	Resp:	247790
Ion Ratio	Lower	Upper	
105	100		
120	43.7	22.8	68.3





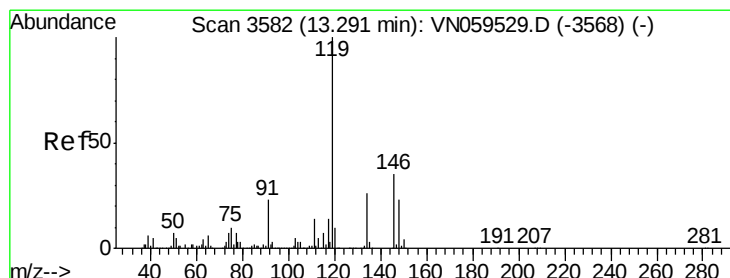
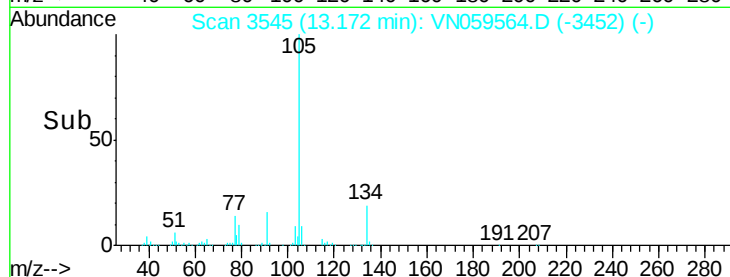
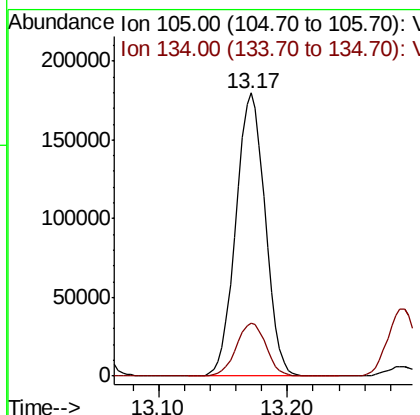
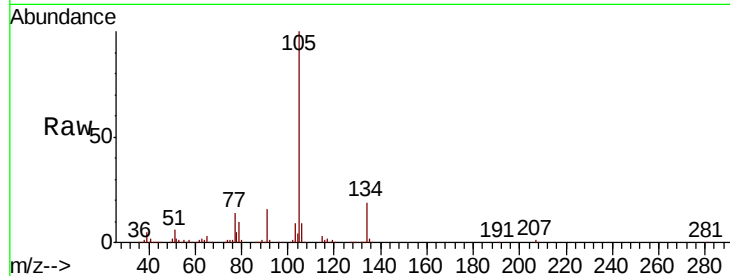
#85
 sec-Butylbenzene
 Concen: 19.990 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.8	29.5

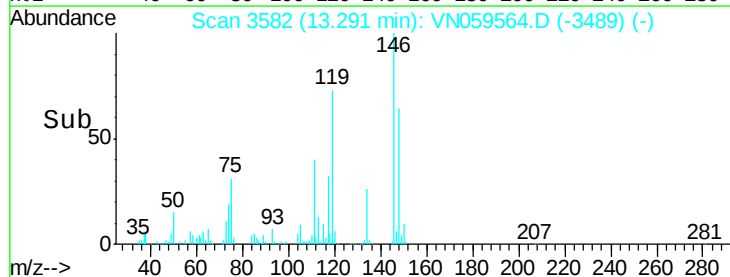
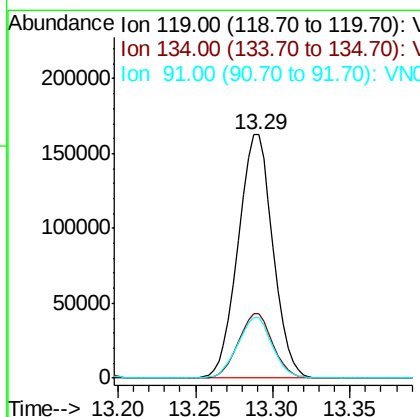
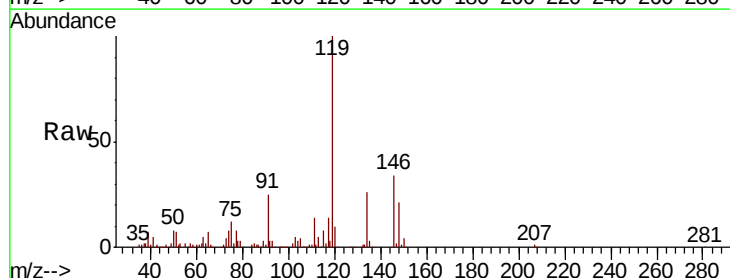
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#86
 p-Isopropyltoluene
 Concen: 19.979 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	39.0
91	24.5	11.7	35.1





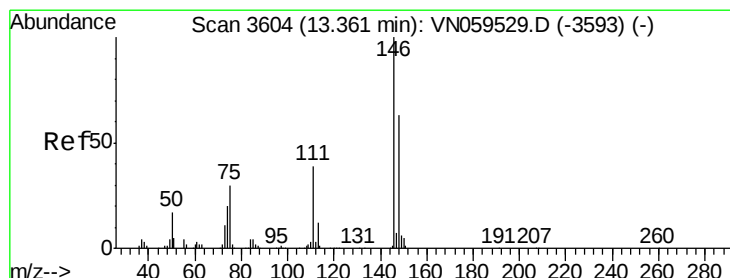
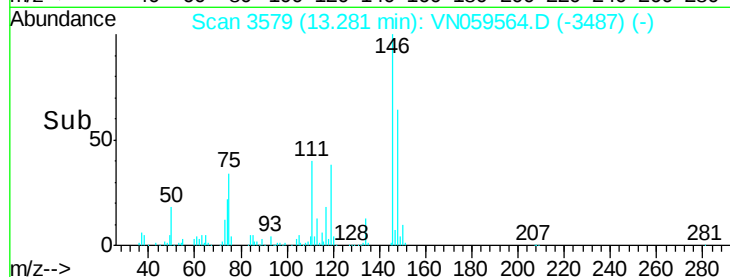
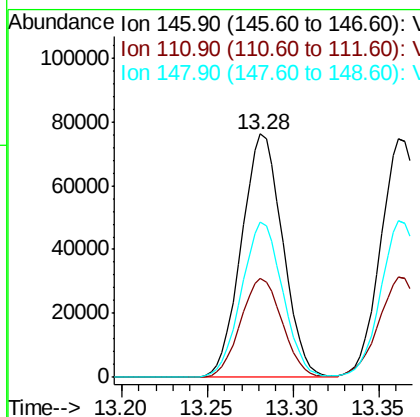
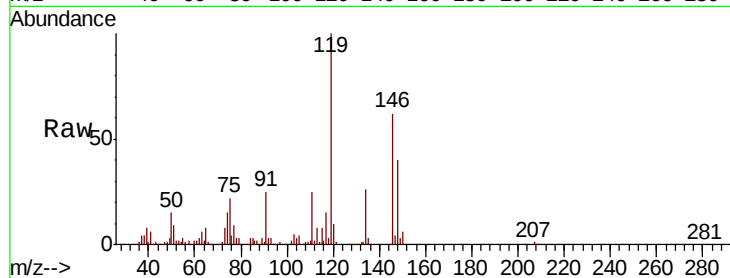
#87
 1,3-Dichlorobenzene
 Concen: 19.077 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	63.7	32.0	96.0

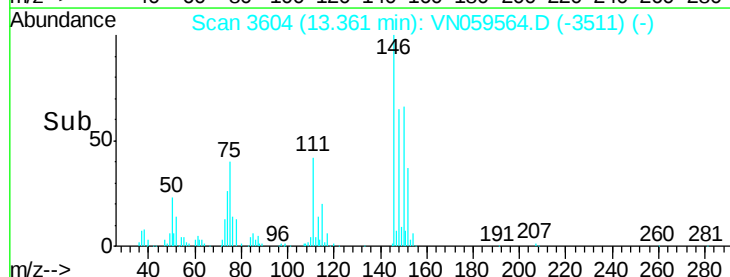
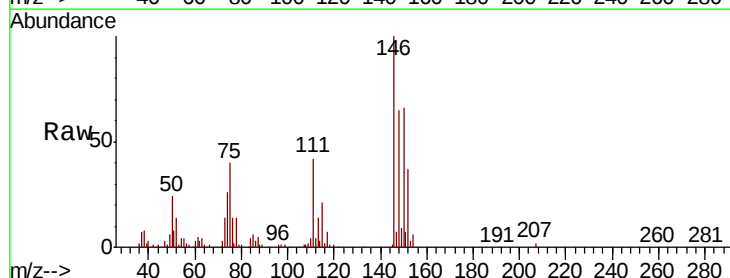
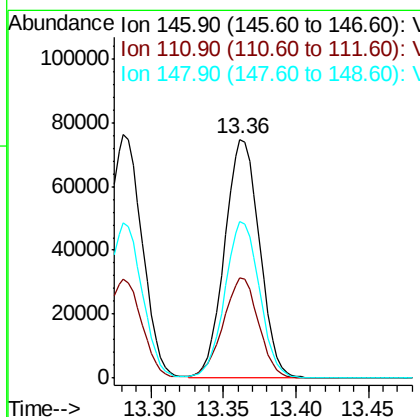
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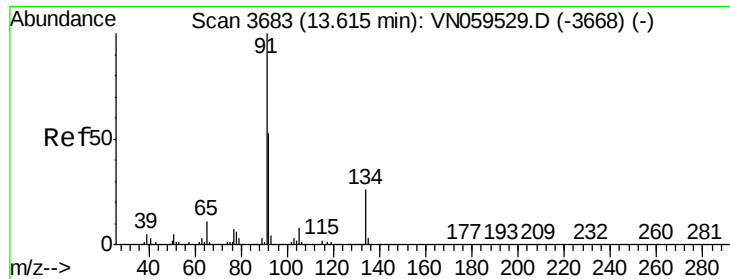
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#88
 1,4-Dichlorobenzene
 Concen: 19.181 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.0	59.9
148	65.4	31.9	95.7





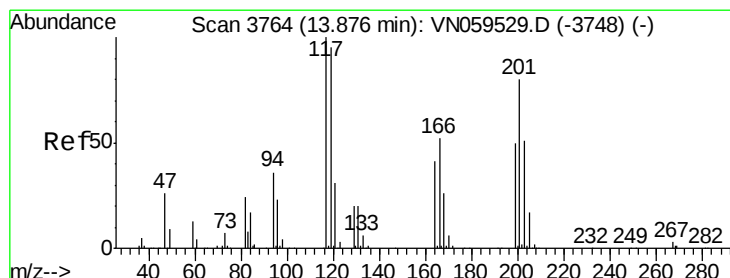
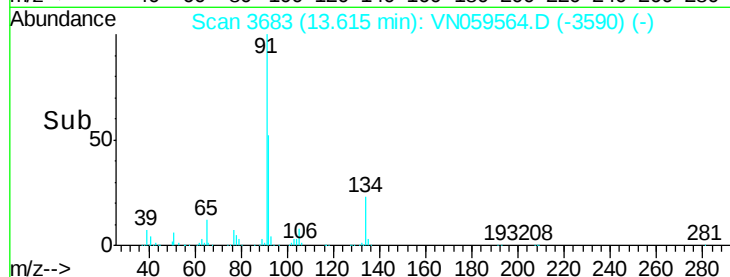
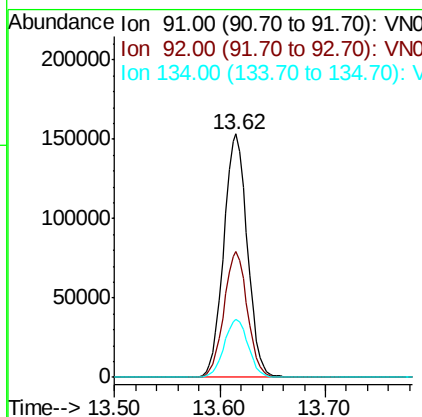
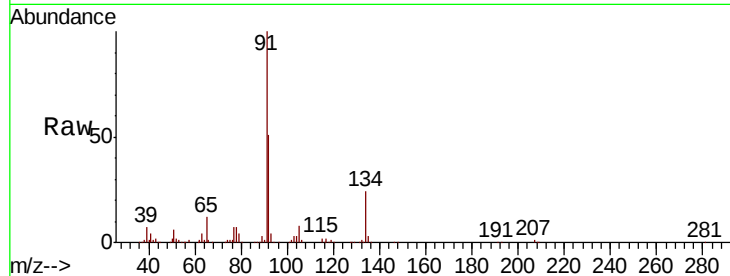
#89
n-Butylbenzene
Concen: 19.946 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.3	78.9
134	24.0	12.8	38.4

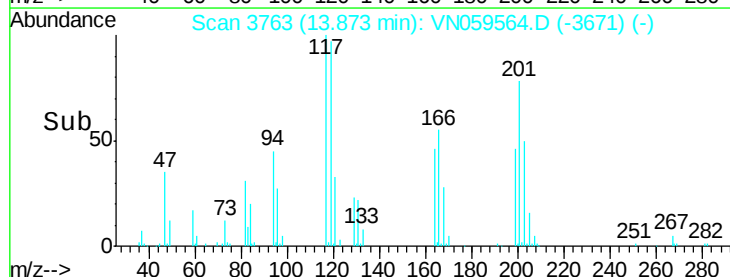
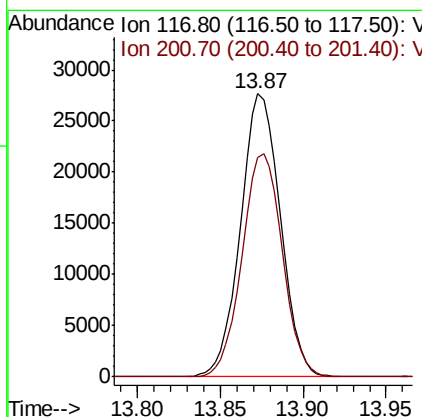
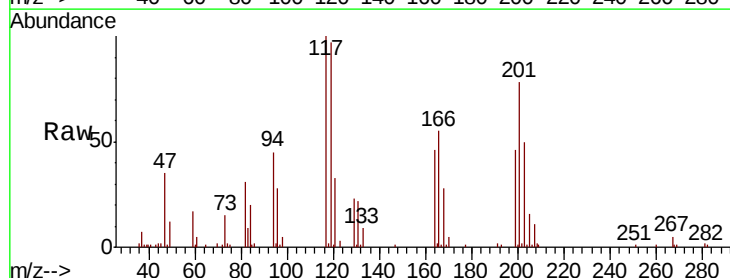
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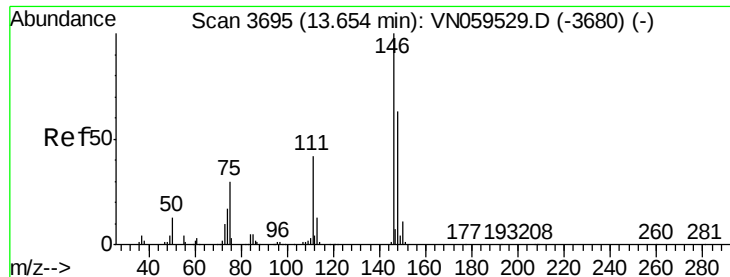
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#90
Hexachloroethane
Concen: 19.898 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	40.5	121.5





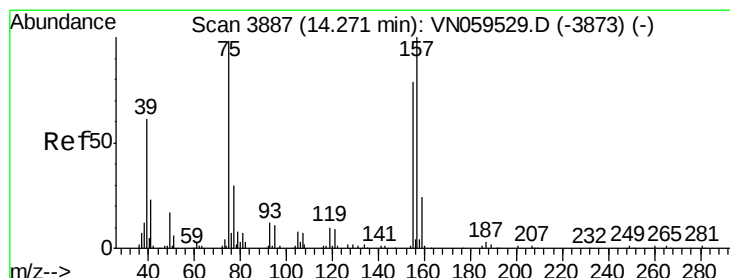
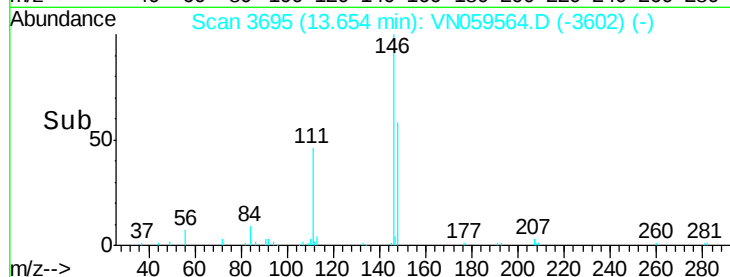
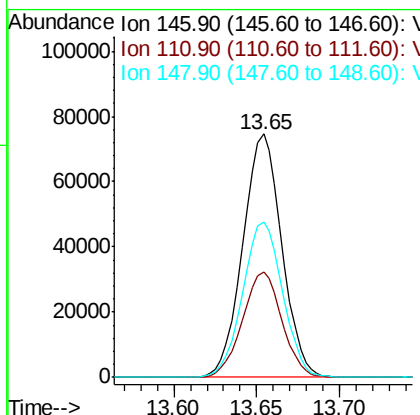
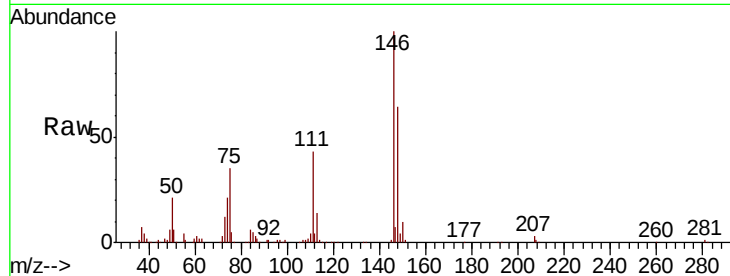
#91
 1,2-Dichlorobenzene
 Concen: 19.606 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	20.9	62.7
148	65.1	31.6	94.8

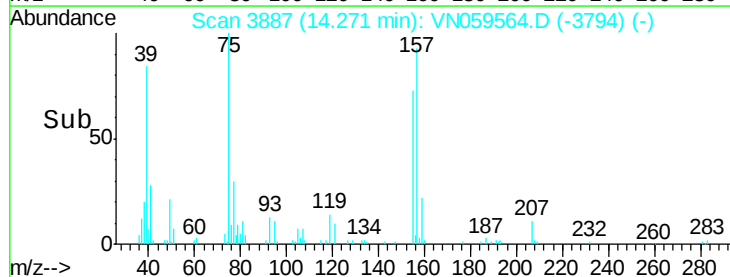
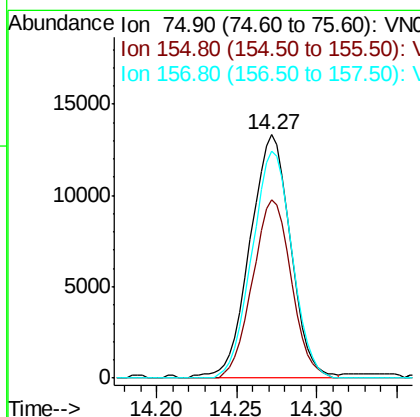
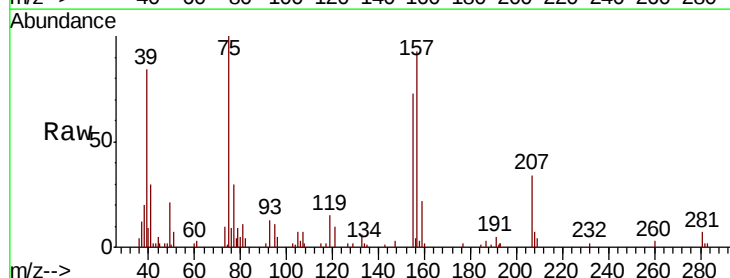
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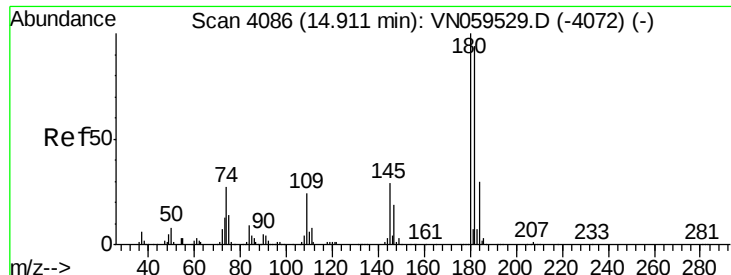
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.918 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.9	40.4	121.1
157	91.5	51.1	153.3





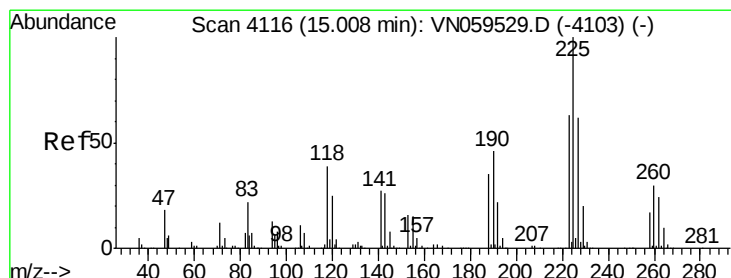
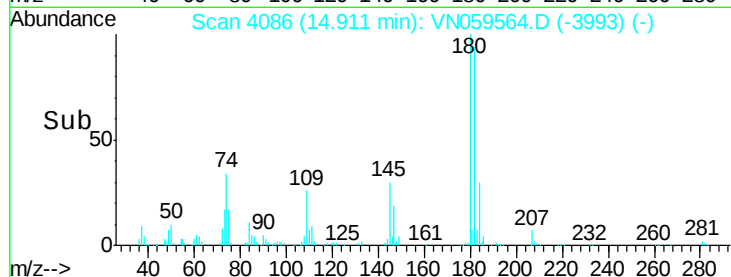
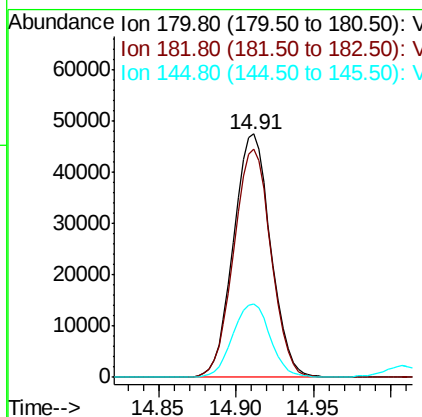
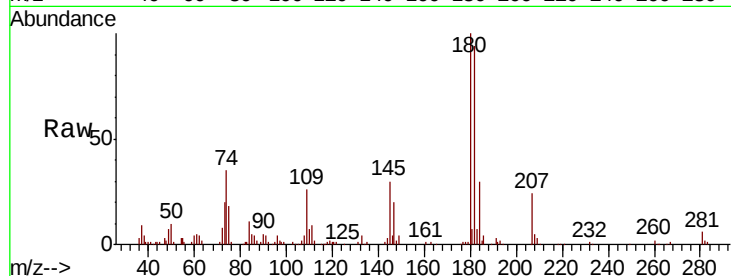
#93
 1,2,4-Trichlorobenzene
 Concen: 18.405 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	142.0
145	30.5	14.9	44.7

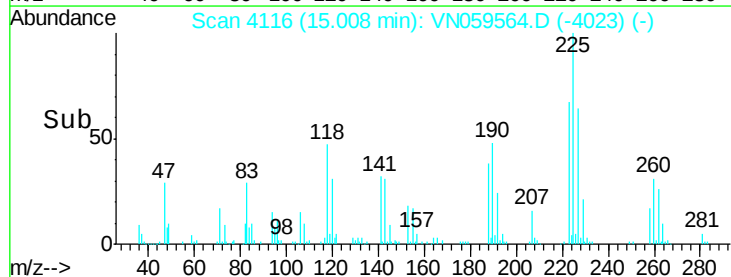
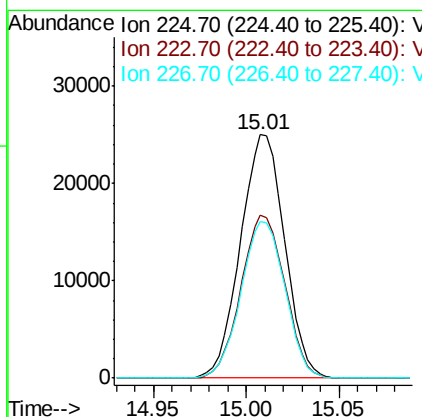
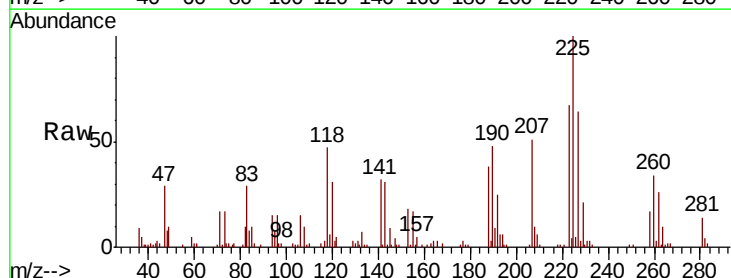
Manual Integrations
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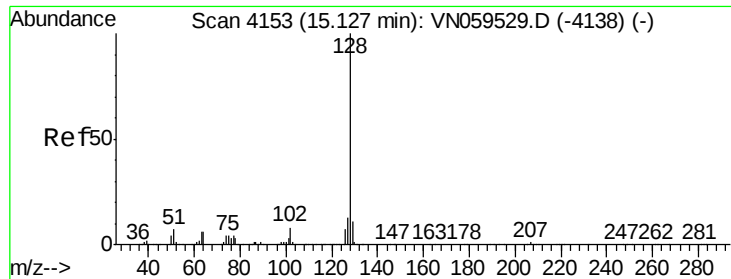
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 12/12/2019 9:25:37 AM



#94
 Hexachlorobutadiene
 Concen: 18.789 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN059564.D
 Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.4	31.3	93.9
227	64.2	31.6	95.0





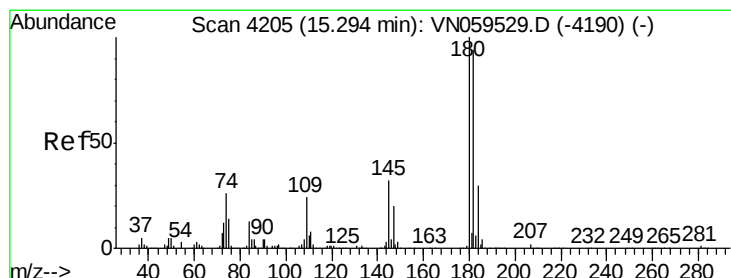
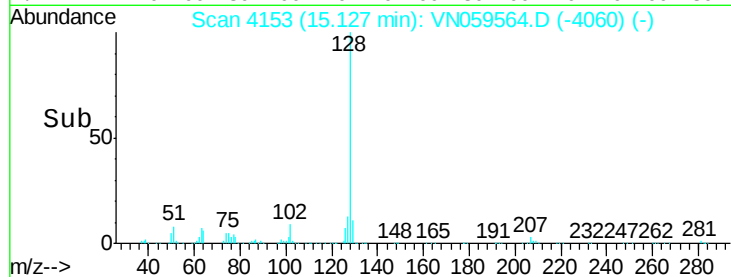
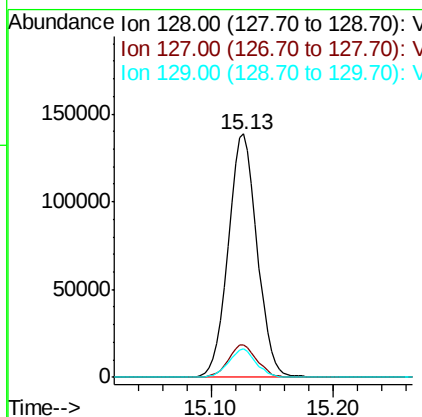
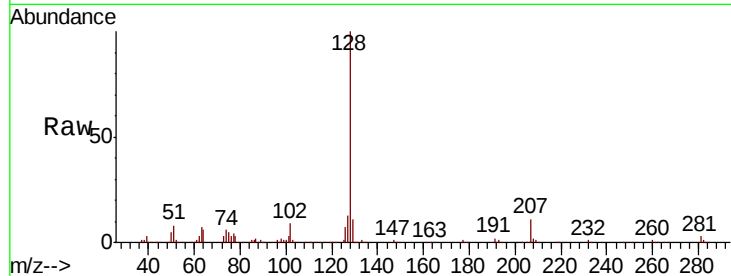
#95
Naphthalene
Concen: 18.220 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.398 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059564.D
Acq: 11 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.1	141.4
145	32.4	15.8	47.4

