

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061546.D
 Acq On : 28 May 2020 22:03
 Operator : JC/MD
 Sample : VN0528WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Manual Integrations
 APPROVED

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 5/29/2020 5:50:22 PM

Quant Time: May 29 02:38:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	323630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	578147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	543227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	206917	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	7.55	113	157557	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.06	98	656230	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	235618	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	67652	18.838	ug/l	99
3) Chloromethane	2.03	50	84982	21.529	ug/l	99
4) Vinyl Chloride	2.16	62	114823	21.227	ug/l	100
5) Bromomethane	2.54	94	67998	21.908	ug/l	98
6) Chloroethane	2.67	64	73938	21.236	ug/l	99
7) Trichlorofluoromethane	2.98	101	138691	19.883	ug/l	99
8) Diethyl Ether	3.37	74	42336	19.849	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57239	18.492	ug/l	97
10) Methyl Iodide	3.91	142	86903	20.225	ug/l	100
11) Tert butyl alcohol	4.73	59	51683	100.772	ug/l	97
12) 1,1-Dichloroethene	3.69	96	64880	19.619	ug/l	98
13) Acrolein	3.57	56	15699	85.502	ug/l	100
14) Allyl chloride	4.27	41	85123	19.689	ug/l	98
15) Acrylonitrile	4.93	53	142914	99.833	ug/l	98
16) Acetone	3.77	43	111365	101.105	ug/l	95
17) Carbon Disulfide	4.01	76	153774	21.136	ug/l	97
18) Methyl Acetate	4.28	43	68696	19.681	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	227612	20.195	ug/l	99
20) Methylene Chloride	4.50	84	73144	19.820	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	72604	19.468	ug/l	95
22) Diisopropyl ether	5.90	45	195973	20.567	ug/l	97
23) Vinyl Acetate	5.84	43	771176	101.542	ug/l	100
24) 1,1-Dichloroethane	5.80	63	121814	20.160	ug/l	98
25) 2-Butanone	6.79	43	177260	97.001	ug/l	99
26) 2,2-Dichloropropane	6.78	77	96468	17.443	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	85104	20.153	ug/l	99
28) Bromochloromethane	7.15	49	50588	21.506	ug/l	97
29) Tetrahydrofuran	7.17	42	121905	101.165	ug/l	99
30) Chloroform	7.33	83	136331	20.394	ug/l	99
31) Cyclohexane	7.61	56	101865	18.745	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	121341	19.921	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92126	18.000	ug/l	98
37) Ethyl Acetate	6.88	43	76335	18.518	ug/l	96
38) Carbon Tetrachloride	7.73	117	91793	18.594	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	110093	17.452	ug/l	96
40) Benzene	8.00	78	298878	18.926	ug/l	99
41) Methacrylonitrile	7.13	41	36766	19.466	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	99935	18.903	ug/l	100
43) Isopropyl Acetate	8.13	43	142426	19.204	ug/l	99
44) Trichloroethene	8.80	130	86989	17.924	ug/l	98
45) 1,2-Dichloropropane	9.08	63	70759	18.870	ug/l	94
46) Dibromomethane	9.17	93	53841	18.721	ug/l	95
47) Bromodichloromethane	9.37	83	107058	18.789	ug/l	100
48) Methyl methacrylate	9.17	41	61897	18.550	ug/l	96
49) 1,4-Dioxane	9.17	88	17818	344.692	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	399090	95.491	ug/l	99
52) Toluene	10.13	92	192782	18.704	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	111860	18.224	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	121049	18.341	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	77246	18.811	ug/l	97
56) Ethyl methacrylate	10.40	69	108232	18.868	ug/l	99
57) 1,3-Dichloropropane	10.68	76	124509	18.958	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	225498	91.989	ug/l	99
59) 2-Hexanone	10.72	43	278648	92.836	ug/l	99
60) Dibromochloromethane	10.88	129	87176	18.674	ug/l	96
61) 1,2-Dibromoethane	10.98	107	82371	19.233	ug/l	97
64) Tetrachloroethene	10.61	164	87446	17.101	ug/l	99
65) Chlorobenzene	11.41	112	209110	18.519	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	77872	18.521	ug/l	100
67) Ethyl Benzene	11.48	91	354833	18.181	ug/l	99
68) m/p-Xylenes	11.60	106	283779	36.672	ug/l	100
69) o-Xylene	11.92	106	135541	18.441	ug/l	99
70) Styrene	11.94	104	225381	18.517	ug/l	99
71) Bromoform	12.10	173	56483	17.434	ug/l #	98
73) Isopropylbenzene	12.22	105	348530	18.647	ug/l	99
74) N-amyl acetate	12.05	43	114465	19.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	101209	19.323	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	87490m	18.788	ug/l	
77) Bromobenzene	12.50	156	88890	18.632	ug/l	95
78) n-propylbenzene	12.56	91	389223	18.654	ug/l	99
79) 2-Chlorotoluene	12.65	91	233988	18.806	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	294221	18.834	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32348	17.765	ug/l	96
82) 4-Chlorotoluene	12.75	91	244741	18.698	ug/l	98
83) tert-Butylbenzene	12.97	119	247461	17.928	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	297705	19.183	ug/l	100
85) sec-Butylbenzene	13.15	105	324145	18.225	ug/l	99
86) p-Isopropyltoluene	13.26	119	301370	18.399	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	154845	18.328	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	155523	18.070	ug/l	98
89) n-Butylbenzene	13.59	91	249004	18.150	ug/l	98
90) Hexachloroethane	13.85	117	35616	19.662	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	151531	18.768	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	20106	18.822	ug/l	94

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Instrument :
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ClientSampleId :
VN0528WBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	86001	18.213	ug/l	98
94) Hexachlorobutadiene	14.98	225	33580	16.675	ug/l	98
95) Naphthalene	15.10	128	275894	19.196	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	84843	18.275	ug/l	98

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

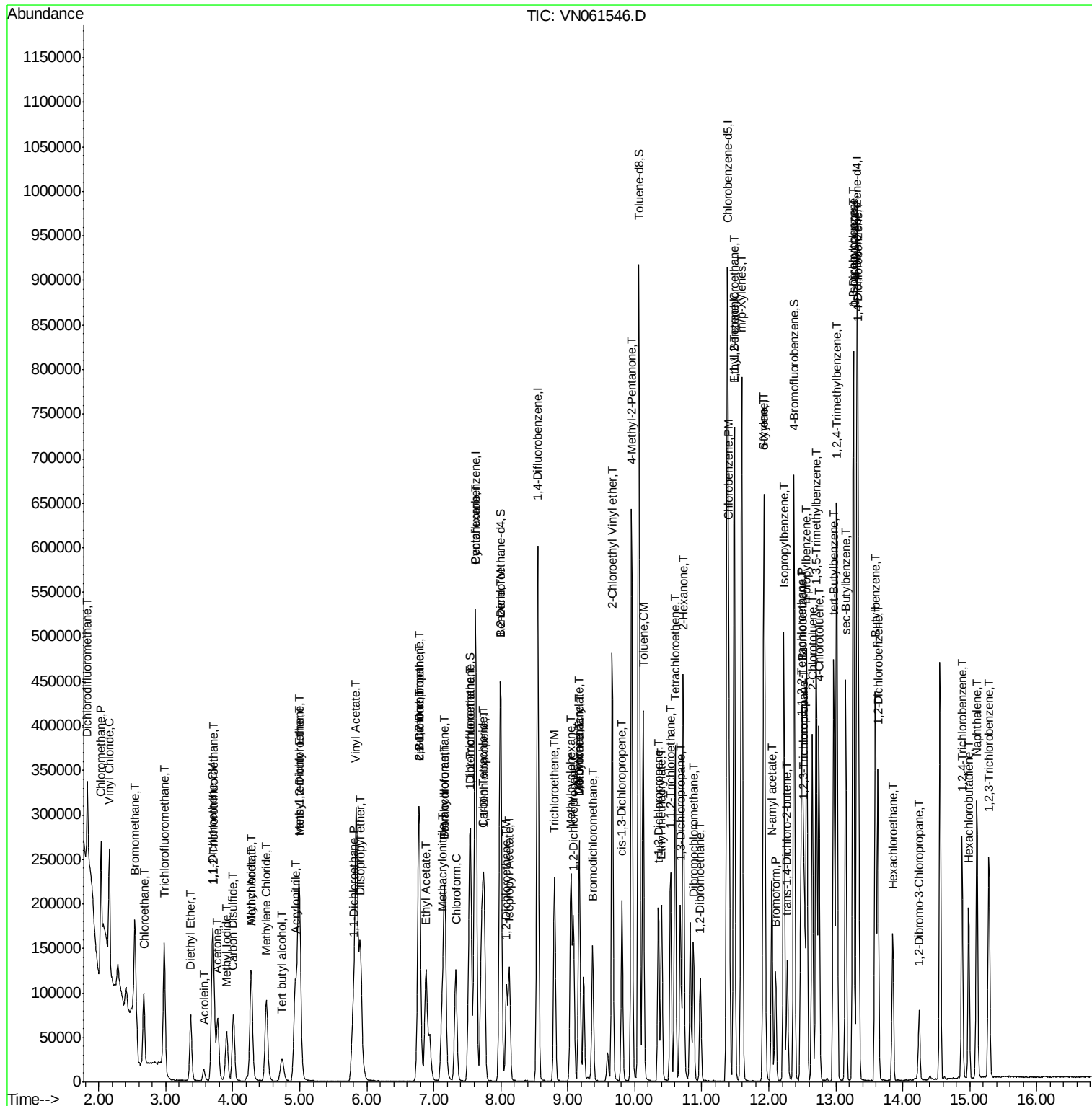
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 Data File : VN061546.D
 Acq On : 28 May 2020 22:03
 Operator : JC/MD
 Sample : VN0528WBS01
 Misc : 5.00mL/MSVOA N/WATER
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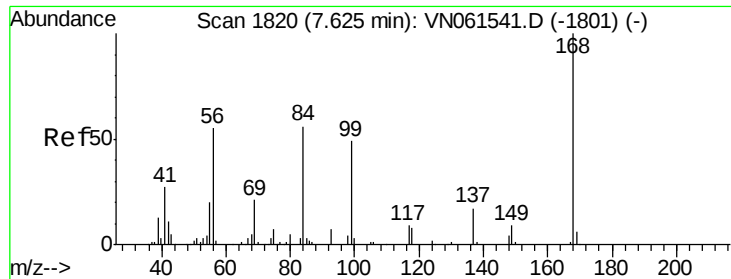
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion:168 Resp: 323630

Ion Ratio Lower Upper

168 100

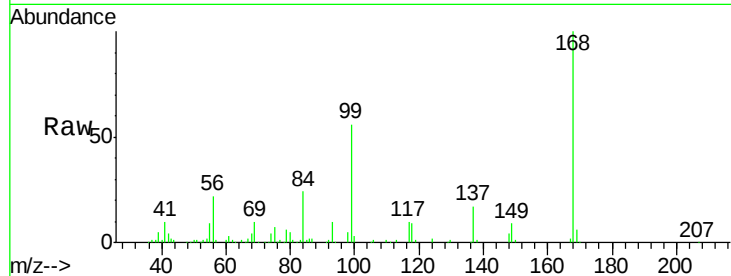
99 55.7 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

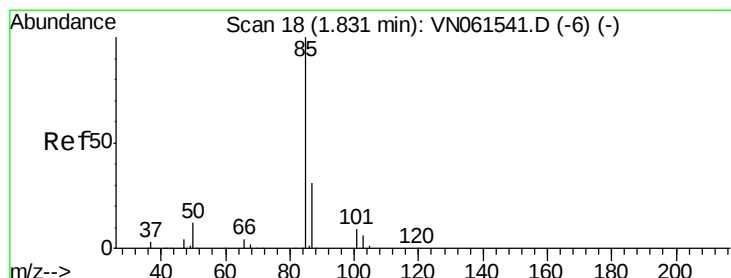
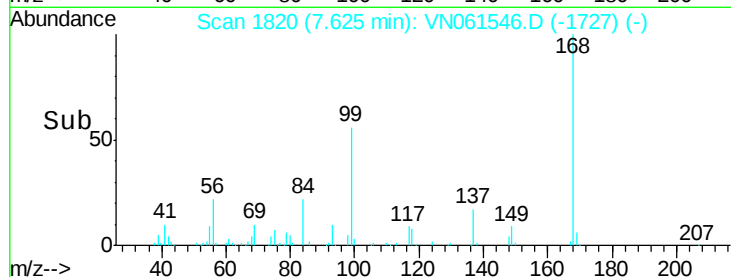
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.838 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061546.D

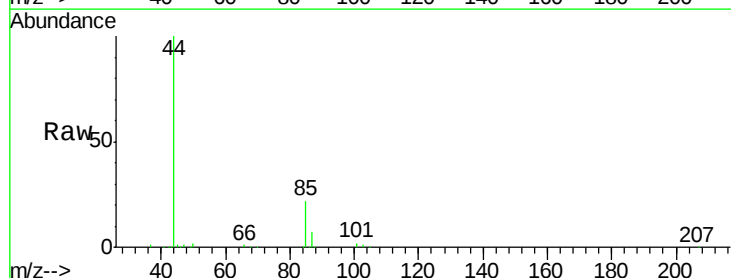
Acq: 28 May 2020 22:03

Tgt Ion: 85 Resp: 67652

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

30000

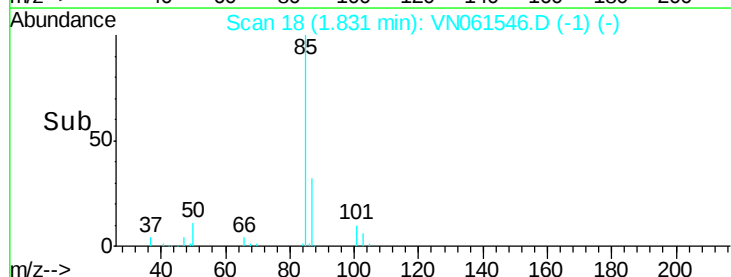
20000

10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 21.529 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion: 50 Resp: 84982

Ion Ratio Lower Upper

50 100

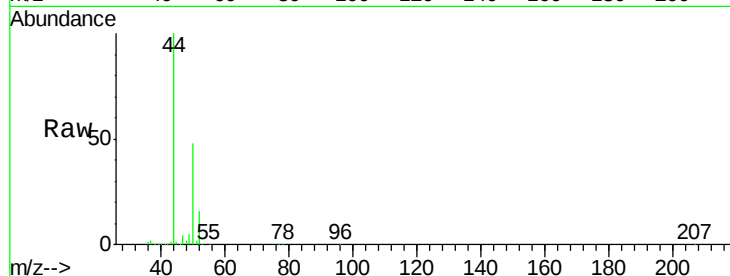
52 33.9 26.7 40.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

80000

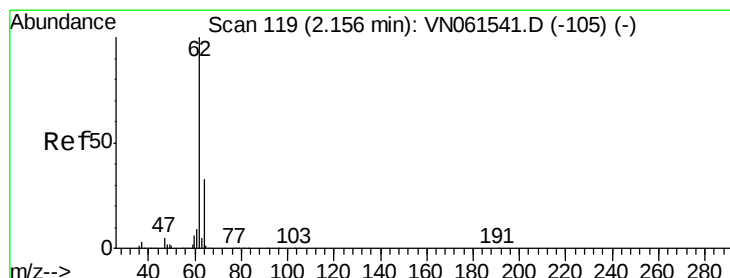
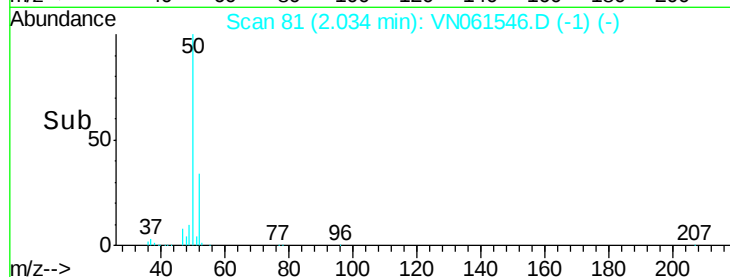
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 21.227 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061546.D

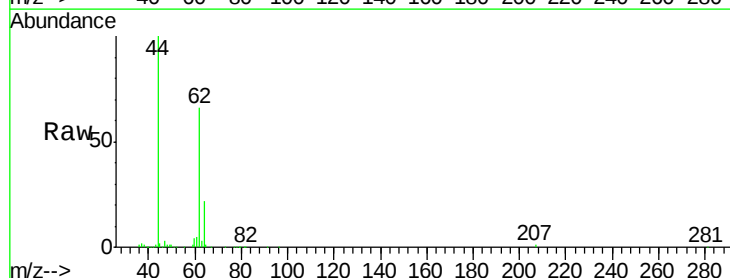
Acq: 28 May 2020 22:03

Tgt Ion: 62 Resp: 114823

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

80000

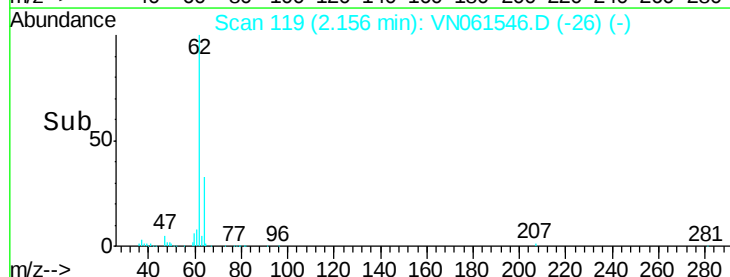
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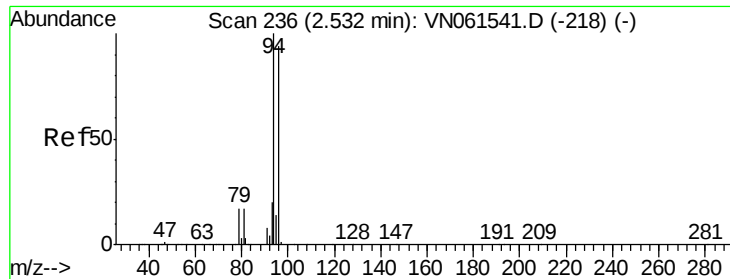
40000

20000

0

Time-->





#5

Bromomethane

Concen: 21.908 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion: 94 Resp: 67998

Ion Ratio Lower Upper

94 100

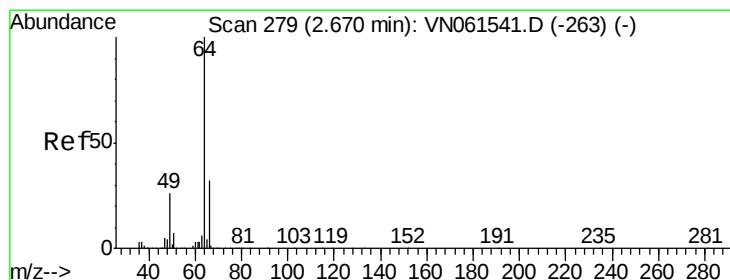
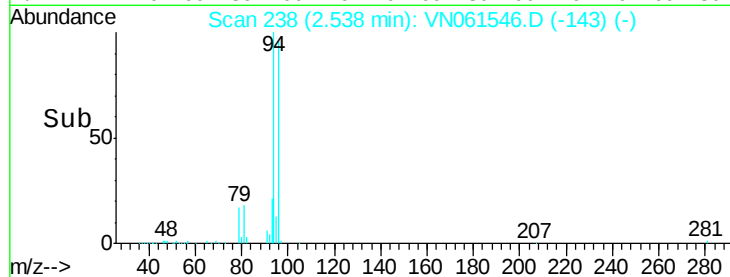
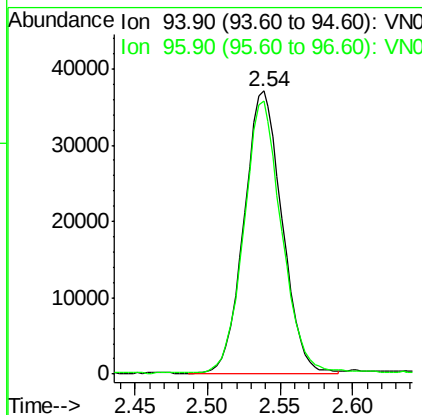
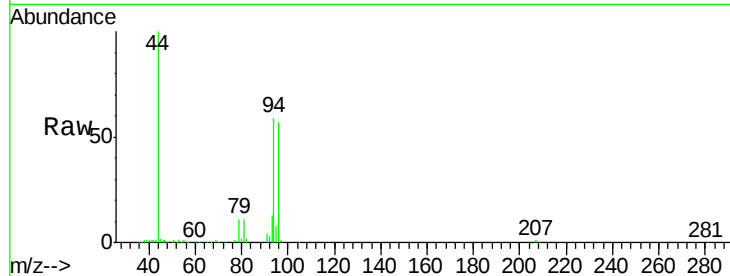
96 95.8 74.8 112.2

Manual Integrations

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5/29/2020 5:50:22 PM



#6

Chloroethane

Concen: 21.236 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061546.D

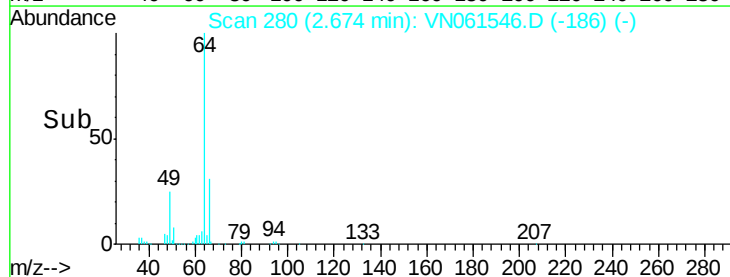
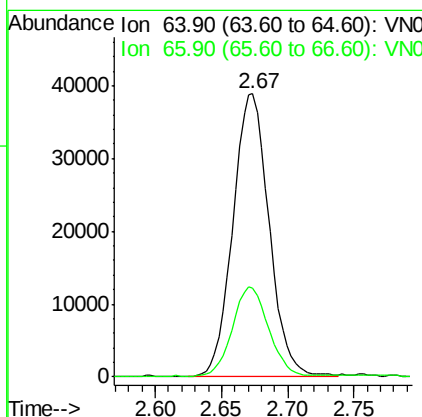
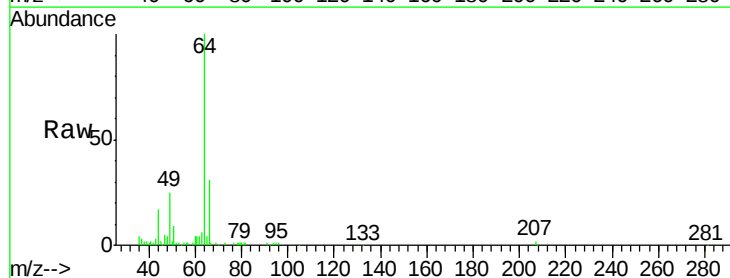
Acq: 28 May 2020 22:03

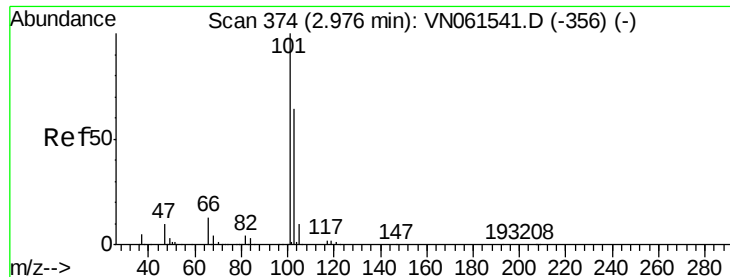
Tgt Ion: 64 Resp: 73938

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4





#7

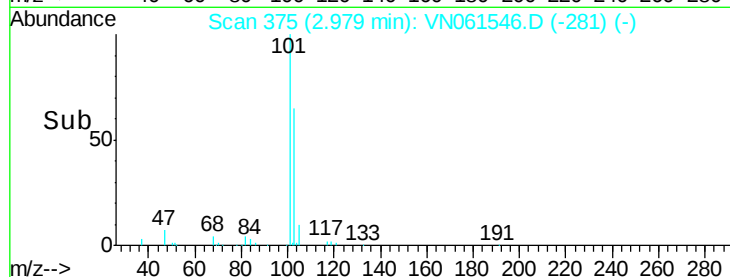
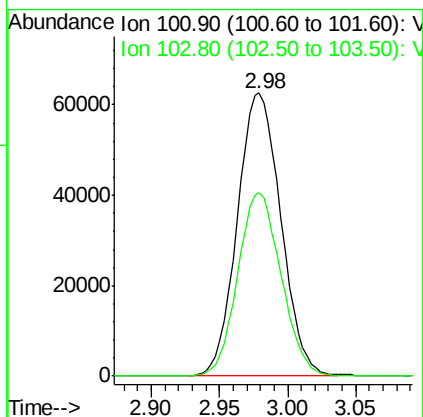
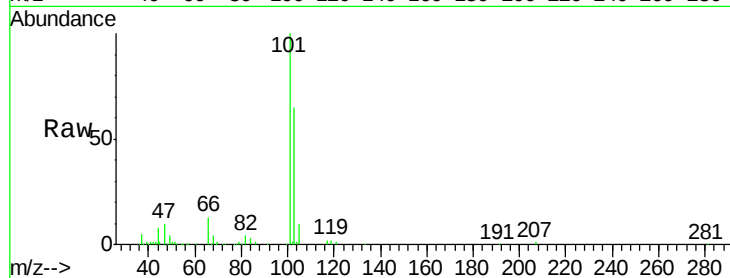
Trichlorofluoromethane
 Concen: 19.883 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	138691		
103	64.8	51.4	77.2	

Manual Integrations
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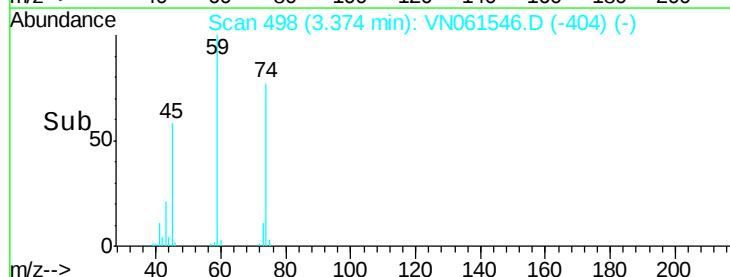
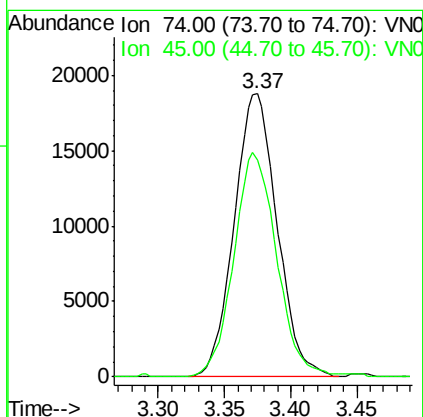
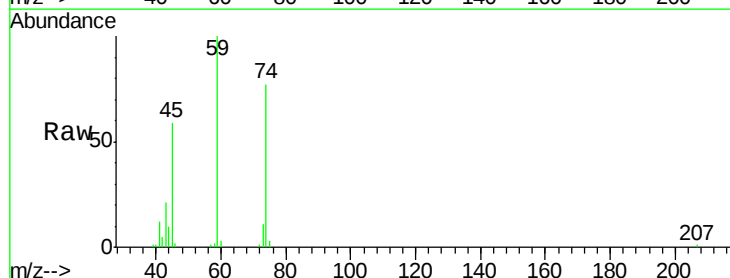
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#8

Diethyl Ether
 Concen: 19.849 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	42336		
45	79.0	39.9	119.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.492 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

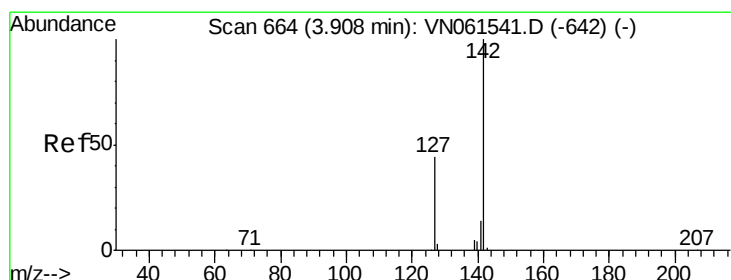
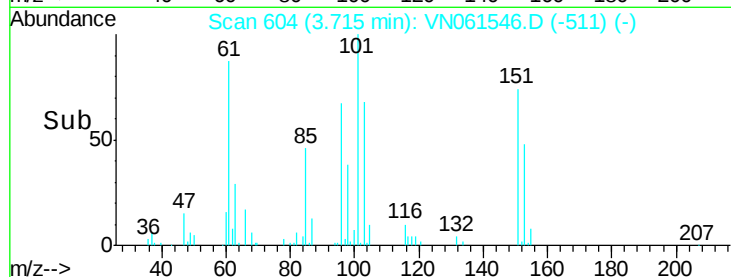
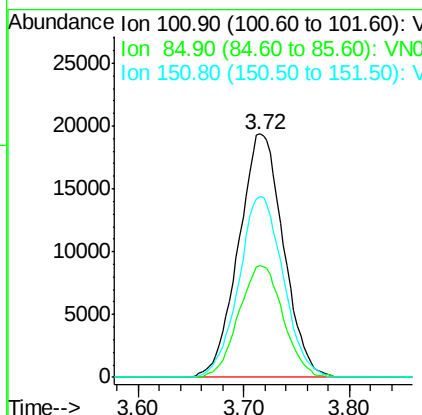
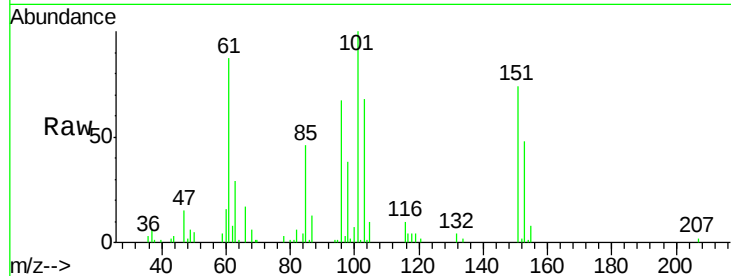
ClientSampleId :

VN0528WBS01

Tot Ion:	101	Resp:	57239
Ion Ratio	Lower	Upper	
101	100		
85	45.2	35.2	52.8
151	73.7	61.0	91.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.225 ug/l

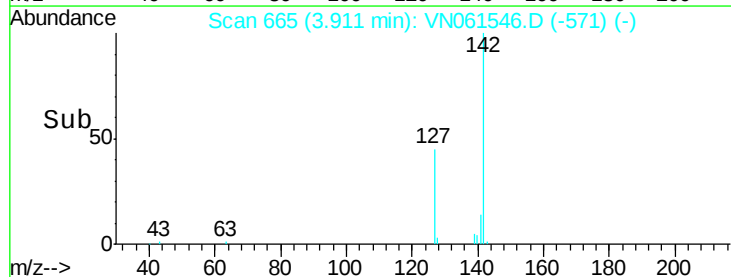
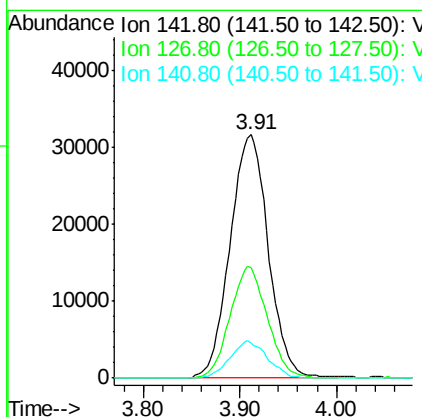
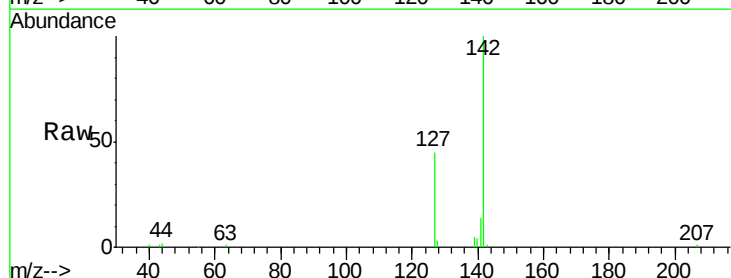
RT: 3.91 min Scan# 665

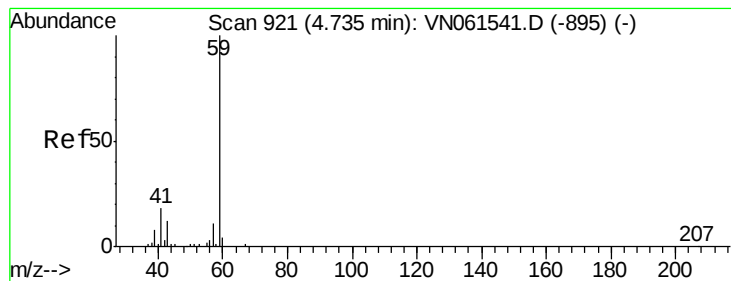
Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion:	142	Resp:	86903
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.5	53.3
141	14.8	11.5	17.3





#11

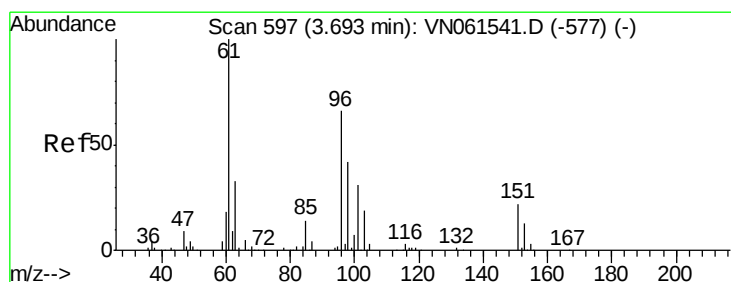
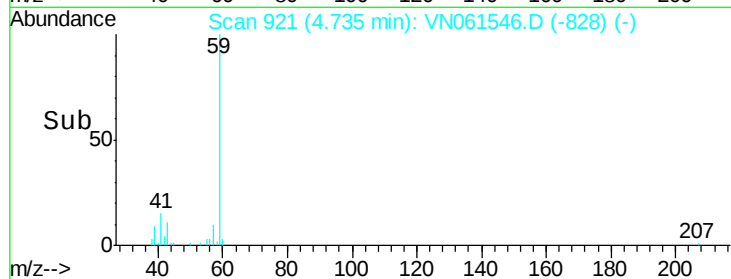
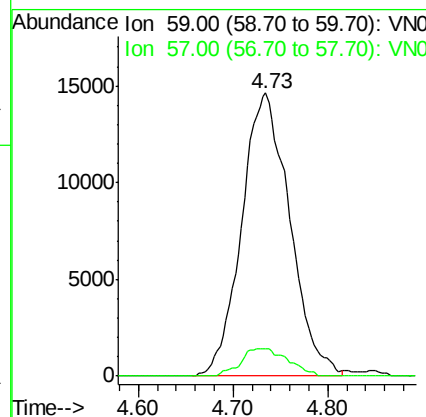
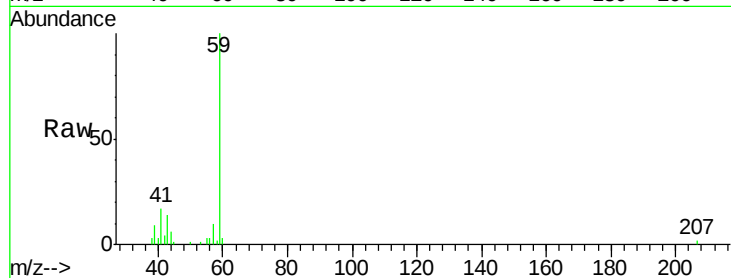
Tert butyl alcohol
Concen: 100.772 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	51683		
57	9.6		8.4	12.6

Manual Integrations
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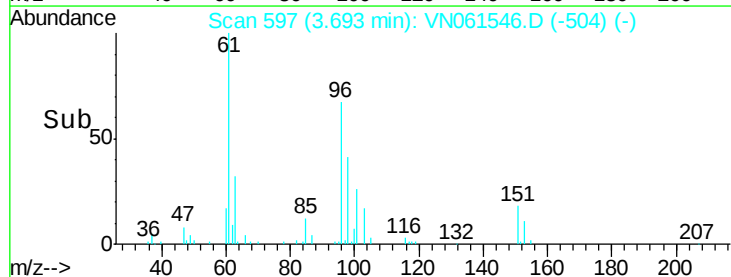
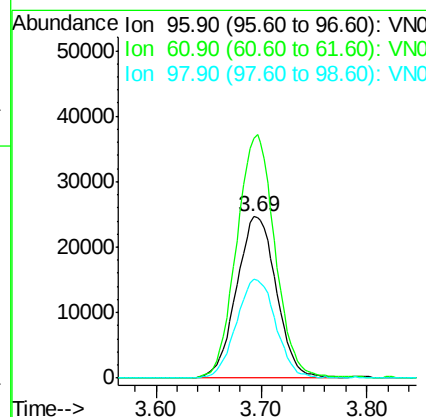
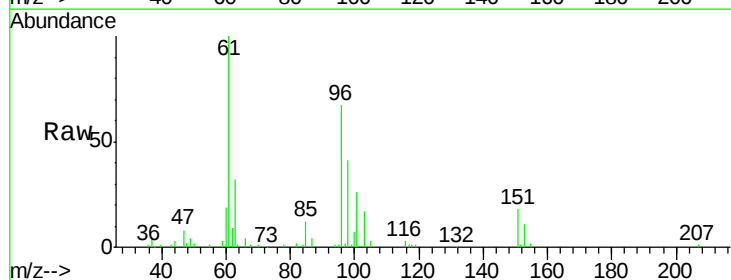
MMDadoda
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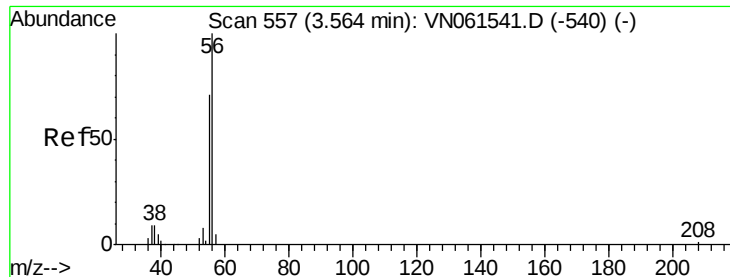


#12

1,1-Dichloroethene
Concen: 19.619 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	64880		
61	148.8		120.5	180.7
98	61.2		50.8	76.2





#13

Acrolein

Concen: 85.502 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion: 56 Resp: 15699

Ion Ratio Lower Upper

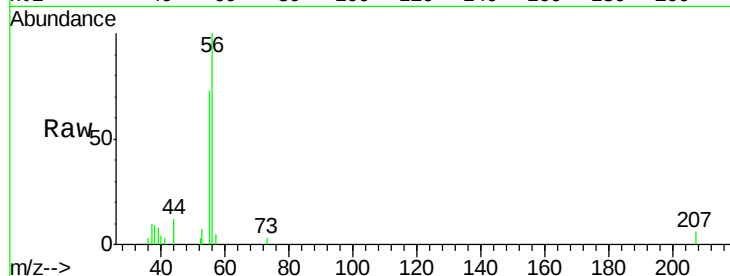
56 100

55 72.2 58.0 87.0

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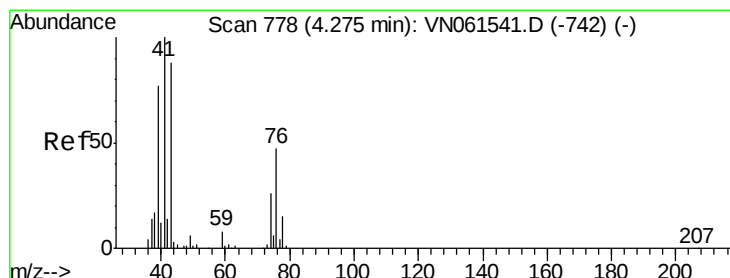
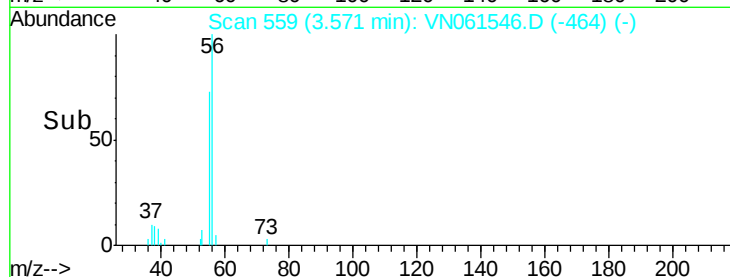
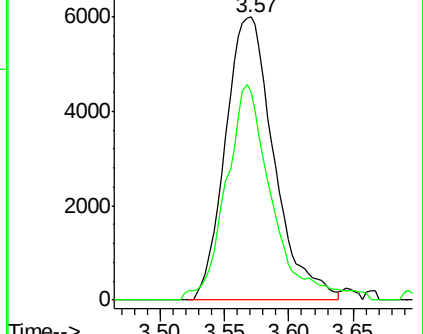
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Abundance Ion 56.00 (55.70 to 56.70): VN061546.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061546.D (-540) (-)



#14

Allyl chloride

Concen: 19.689 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

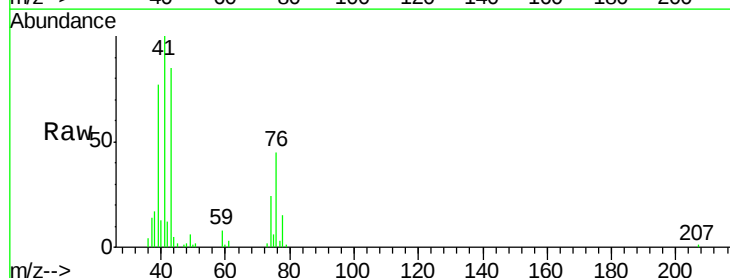
Tgt Ion: 41 Resp: 85123

Ion Ratio Lower Upper

41 100

39 75.0 58.6 88.0

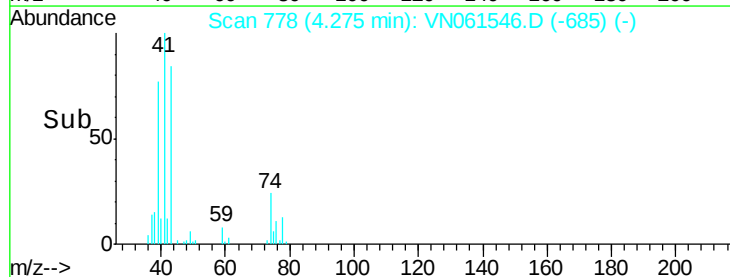
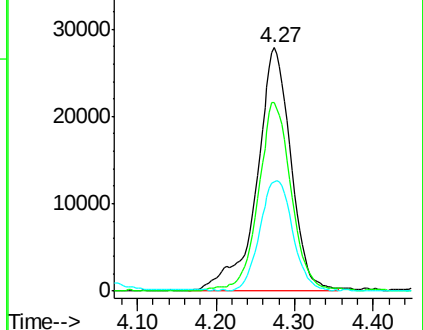
76 43.7 34.2 51.4

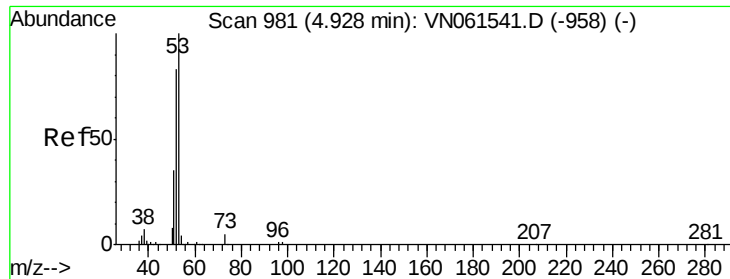


Abundance Ion 41.00 (40.70 to 41.70): VN061546.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061546.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061546.D (-685) (-)





#15

Acrylonitrile

Concen: 99.833 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

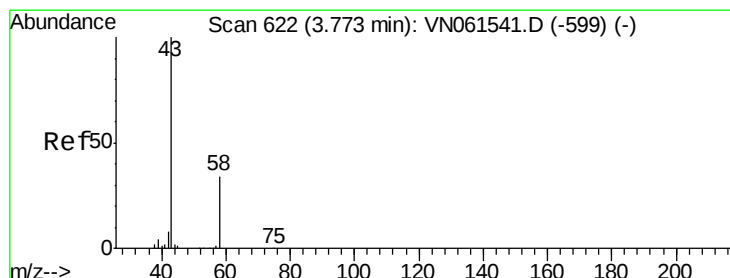
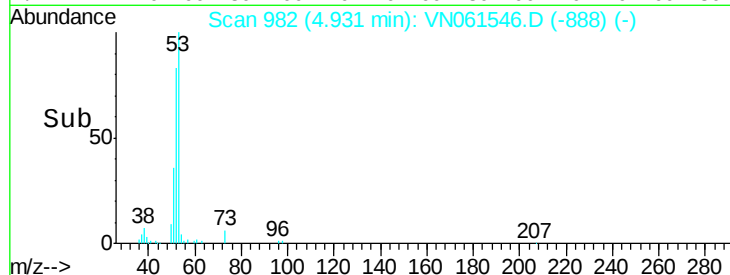
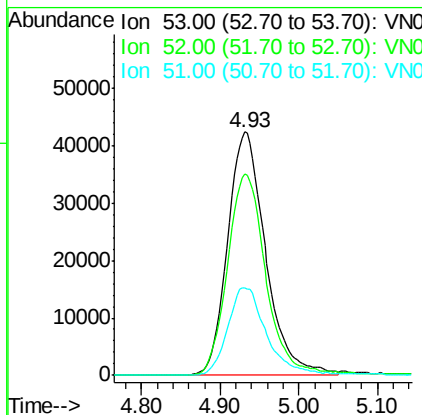
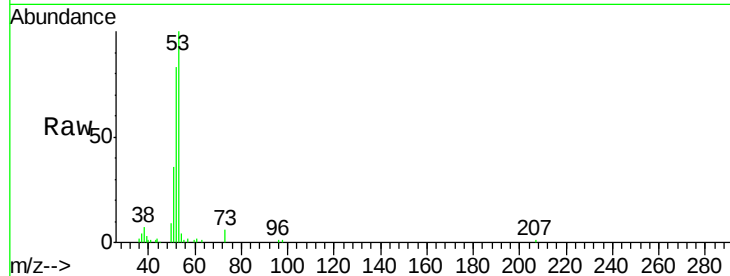
ClientSampleId :

VN0528WBS01

Tot Ion:	53	Resp:	142914
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.4	98.2
51	36.7	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 101.105 ug/l

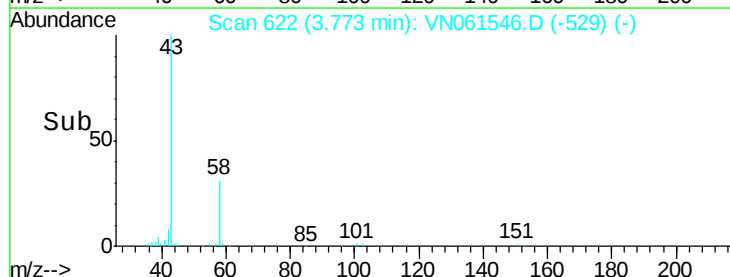
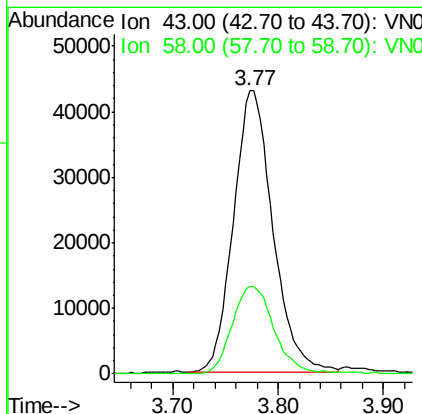
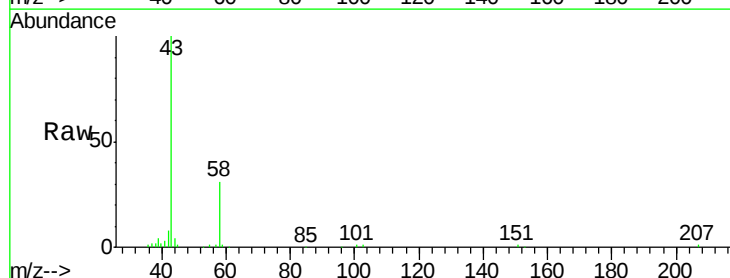
RT: 3.77 min Scan# 622

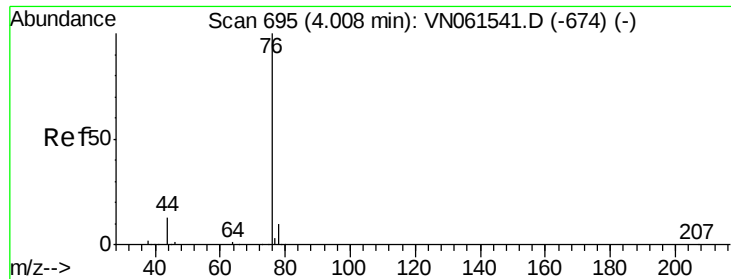
Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion:	43	Resp:	111365
Ion	Ratio	Lower	Upper
43	100		
58	31.3	27.2	40.8





#17

Carbon Disulfide

Concen: 21.136 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion: 76 Resp: 153774

Ion Ratio Lower Upper

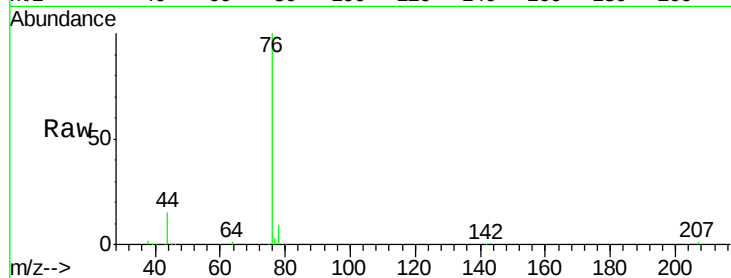
76 100

78 8.5 7.8 11.6

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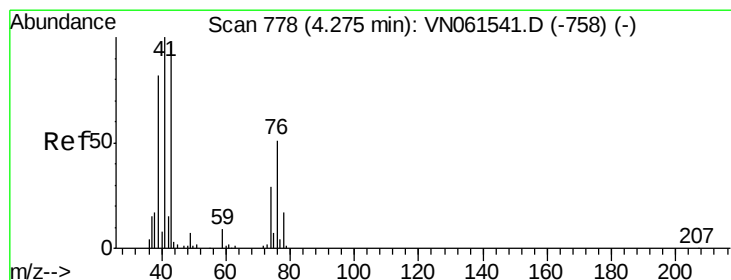
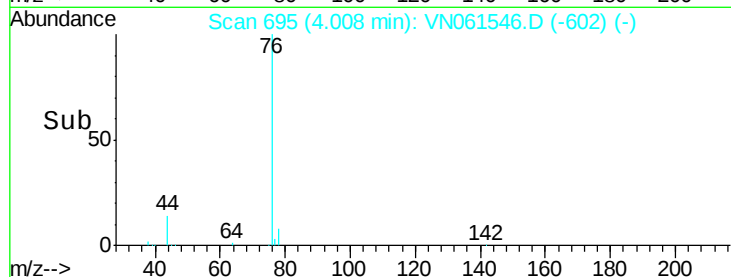
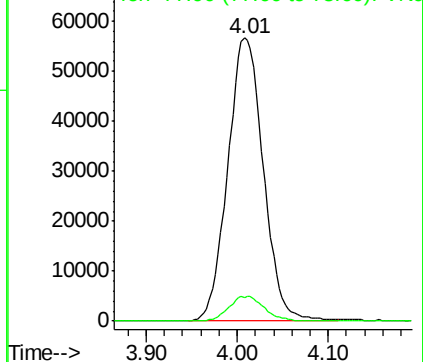
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.681 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061546.D

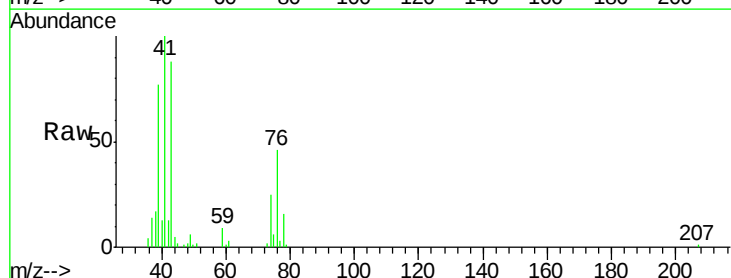
Acq: 28 May 2020 22:03

Tgt Ion: 43 Resp: 68696

Ion Ratio Lower Upper

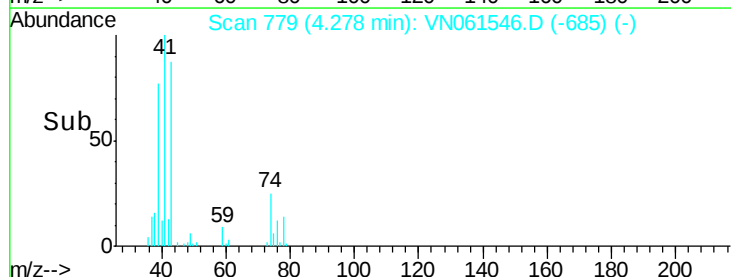
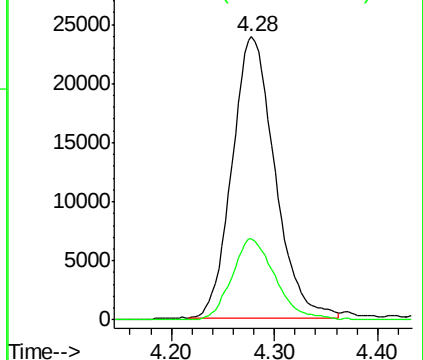
43 100

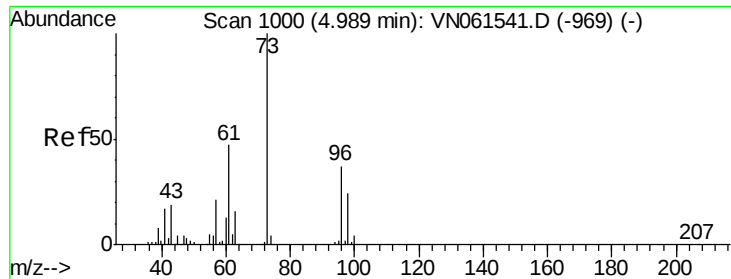
74 29.2 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





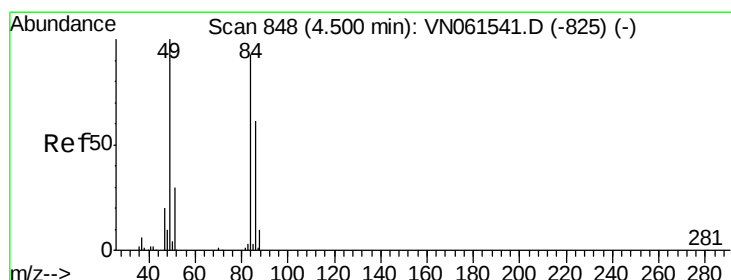
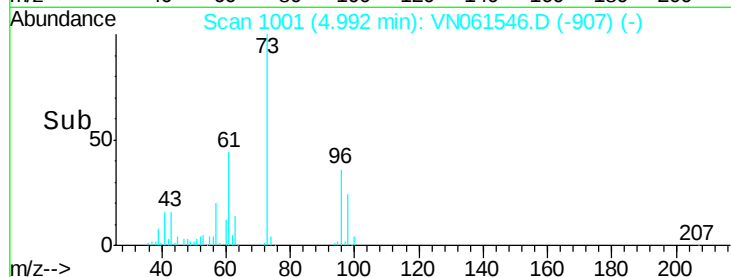
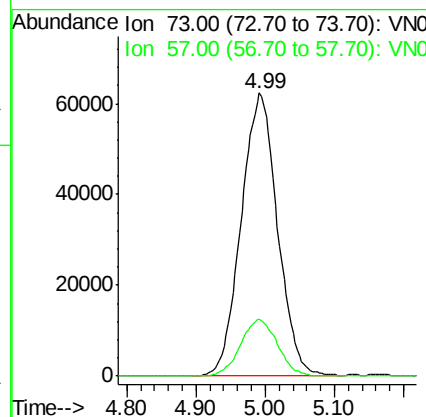
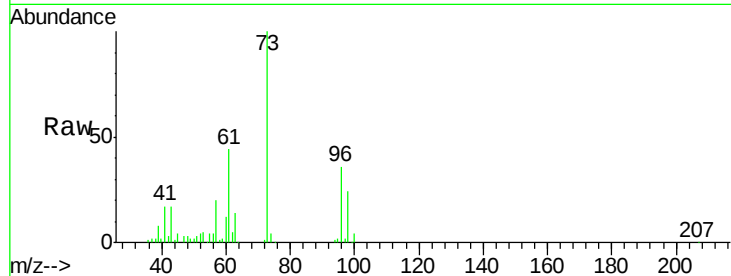
#19
Methvl tert-butvl Ether
Concen: 20.195 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion: 73 Resp: 227612
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6

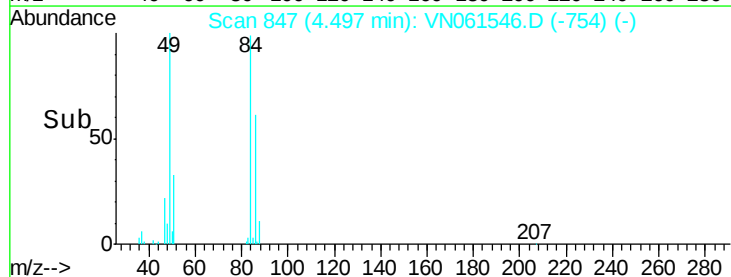
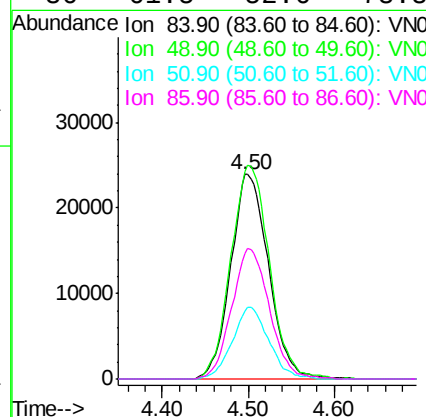
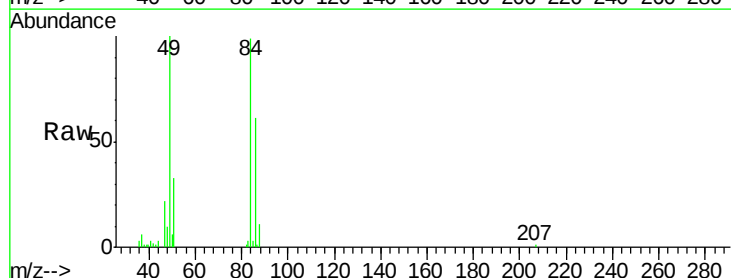
Manual Integrations
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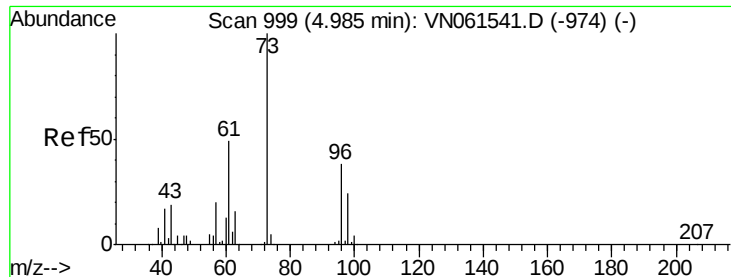
MMDadoda
5/29/2020 5:50:22 PM



#20
Methylene Chloride
Concen: 19.820 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 84 Resp: 73144
Ion Ratio Lower Upper
84 100
49 101.4 85.8 128.8
51 33.4 26.2 39.2
86 61.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 19.468 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

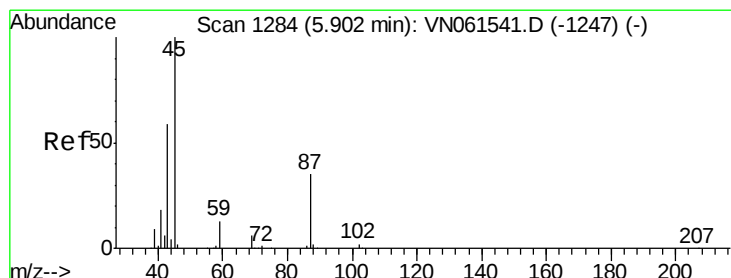
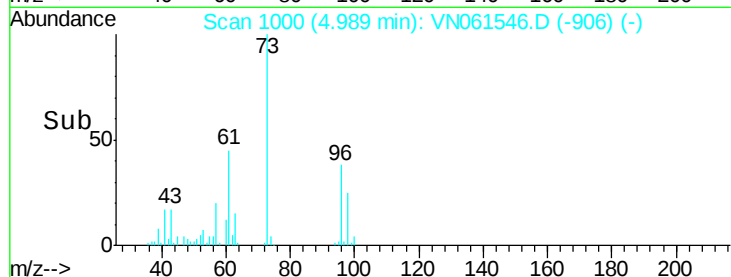
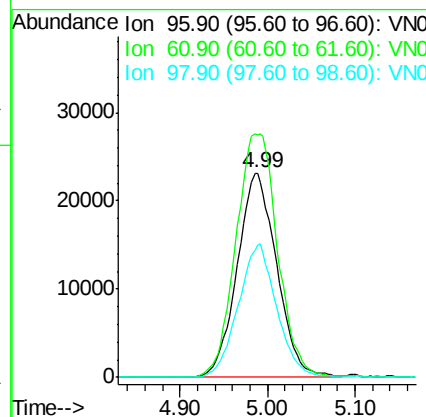
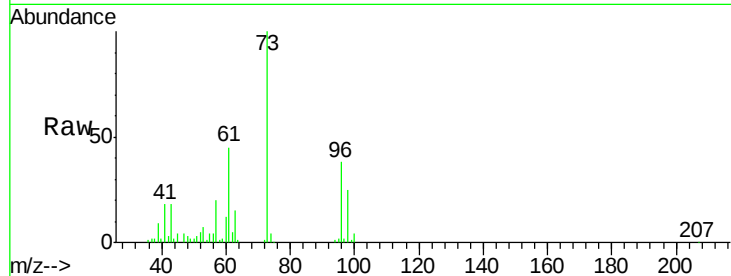
ClientSampleId :

VN0528WBS01

Tot Ion:	96	Resp:	72604
Ion	Ratio	Lower	Upper
96	100		
61	118.8	101.4	152.0
98	64.8	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.567 ug/l

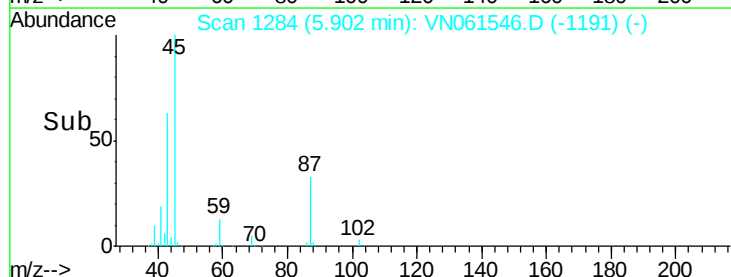
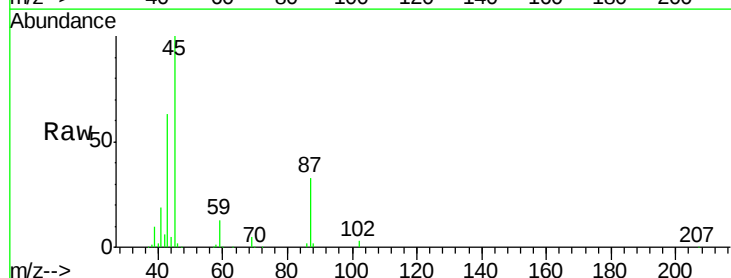
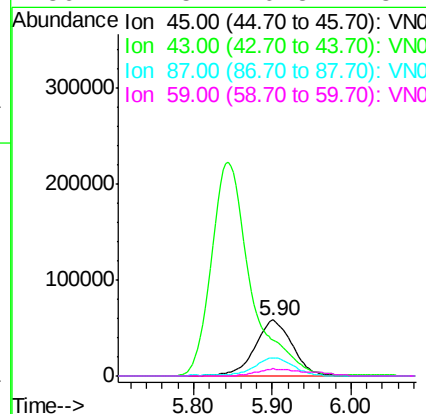
RT: 5.90 min Scan# 1284

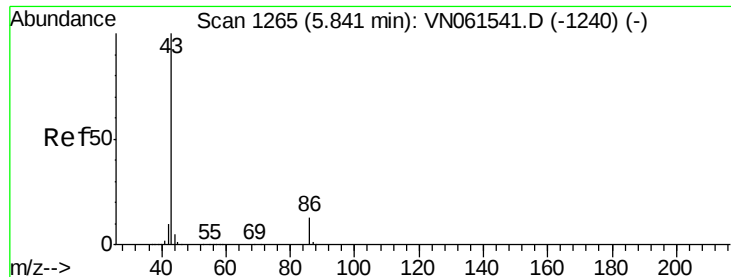
Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion:	45	Resp:	195973
Ion	Ratio	Lower	Upper
45	100		
43	61.0	47.9	71.9
87	32.6	28.4	42.6
59	12.5	10.5	15.7





#23

Vinyl Acetate

Concen: 101.542 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion: 43 Resp: 771176

Ion Ratio Lower Upper

43 100

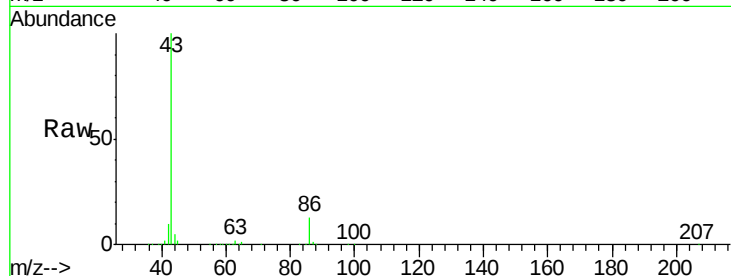
86 13.3 10.6 16.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN061546.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN061546.D (-1172) (-)

250000

200000

150000

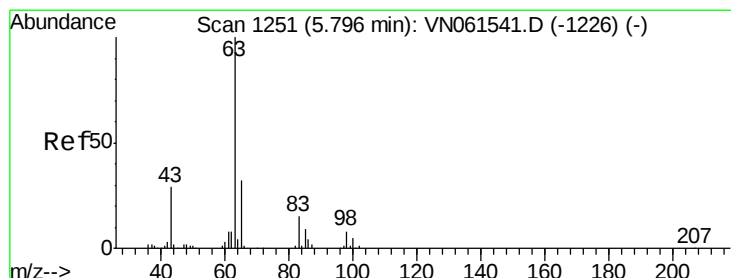
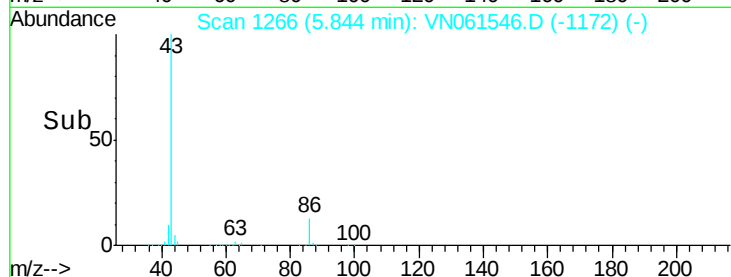
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.160 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

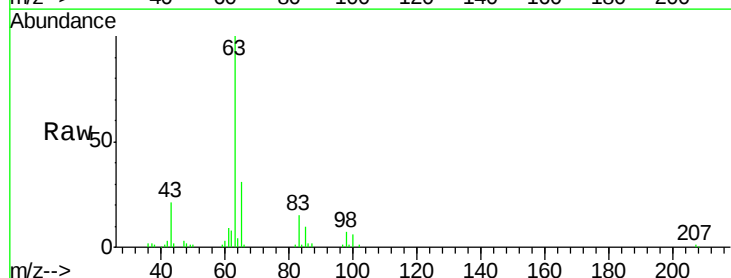
Tgt Ion: 63 Resp: 121814

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 5.6 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061546.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061546.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061546.D (-1158) (-)

50000

40000

30000

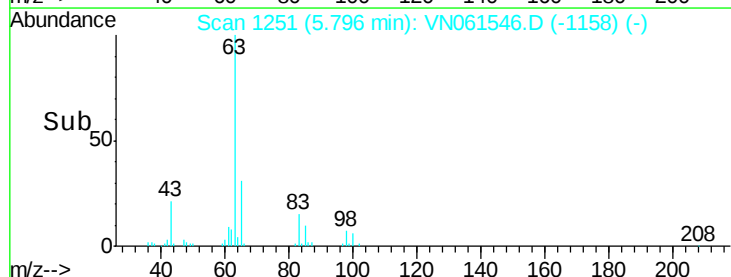
20000

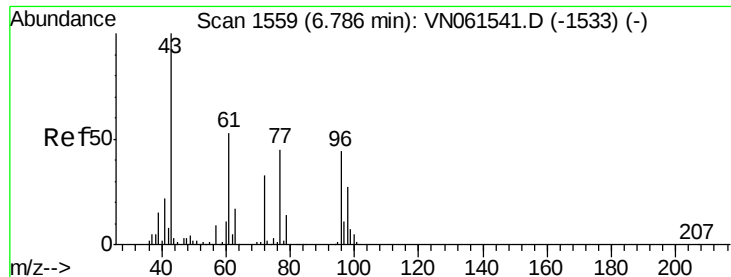
10000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 97.001 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion: 43 Resp: 177260

Ion Ratio Lower Upper

43 100

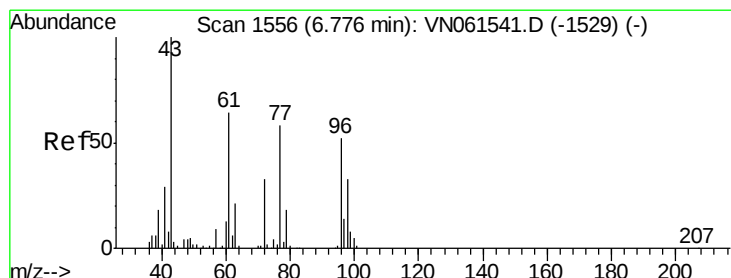
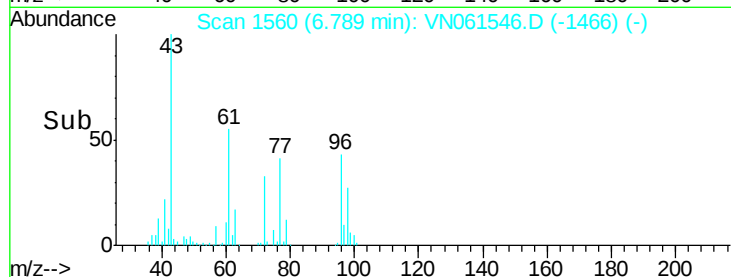
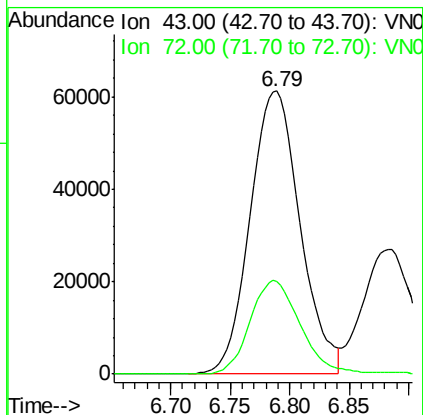
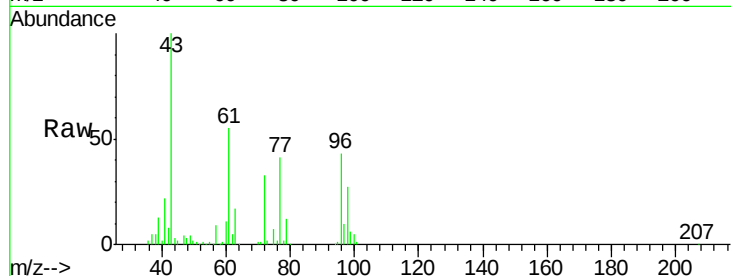
72 33.0 26.0 39.0

Manual Integrations

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5/29/2020 5:50:22 PM



#26

2,2-Dichloropropane

Concen: 17.443 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061546.D

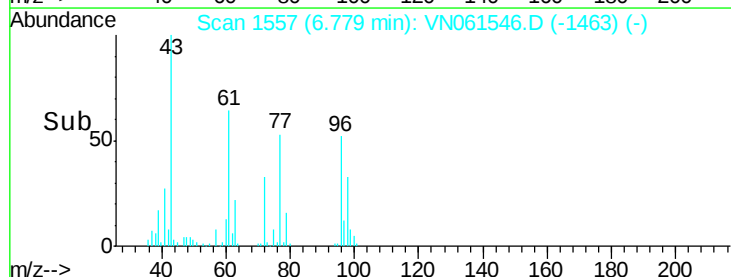
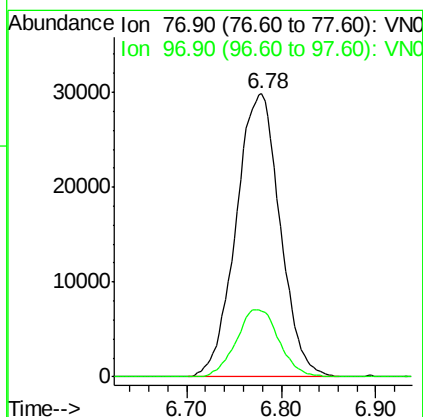
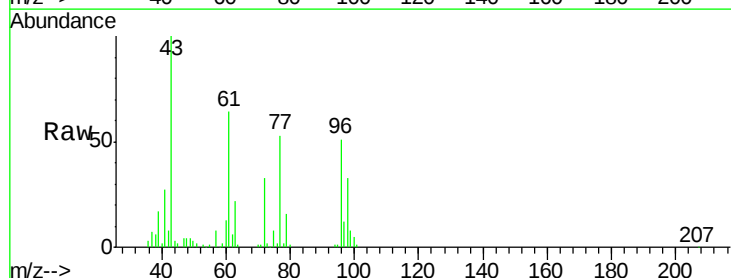
Acq: 28 May 2020 22:03

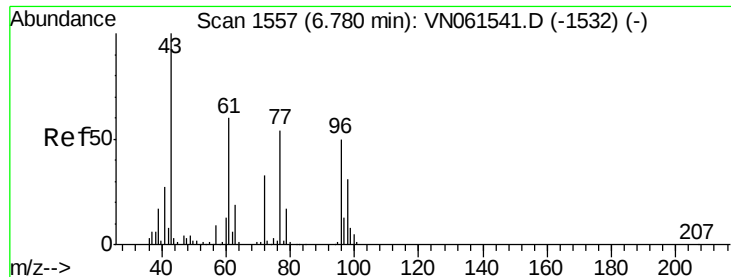
Tgt Ion: 77 Resp: 96468

Ion Ratio Lower Upper

77 100

97 23.1 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 20.153 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061546.D

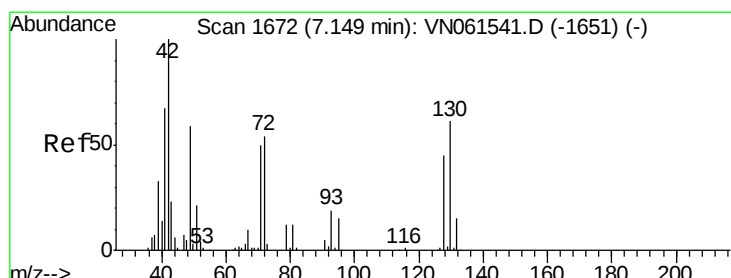
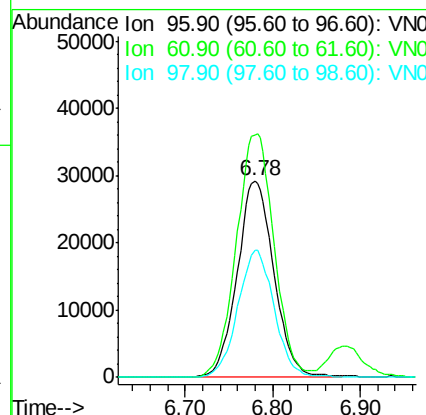
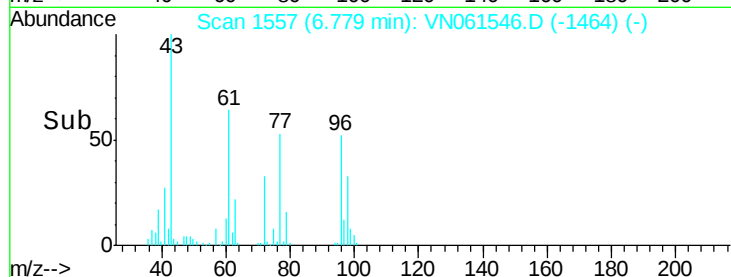
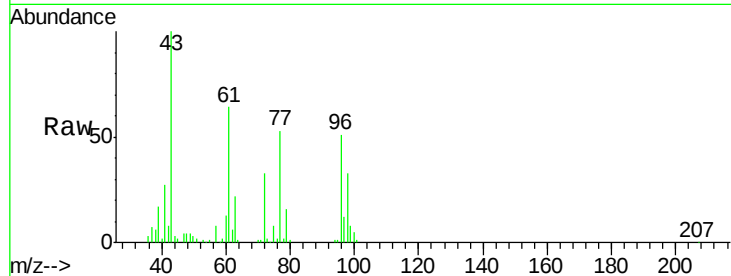
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	127.0	0.0	252.2	
98	64.0	0.0	129.2	

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#28

Bromochloromethane

Concen: 21.506 ug/l

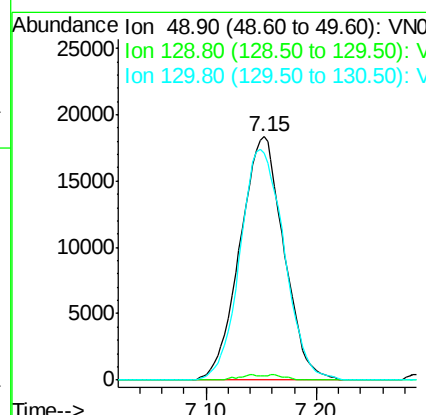
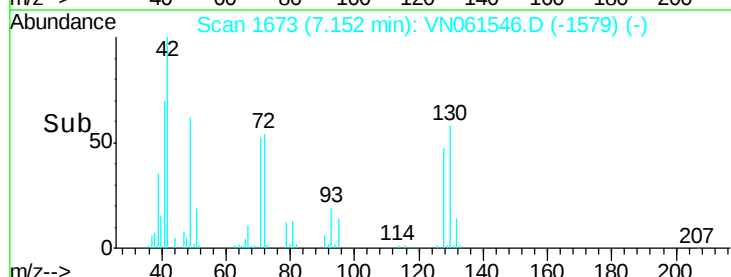
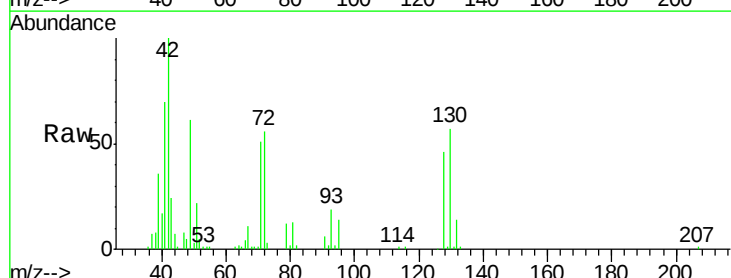
RT: 7.15 min Scan# 1673

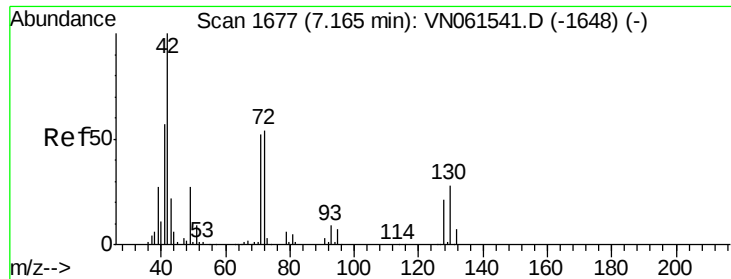
Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.2	0.0	4.8	
130	95.4	78.8	118.2	





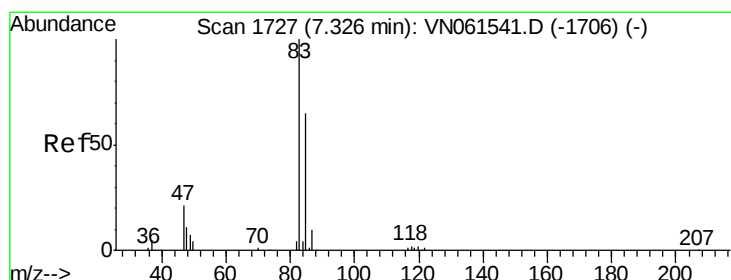
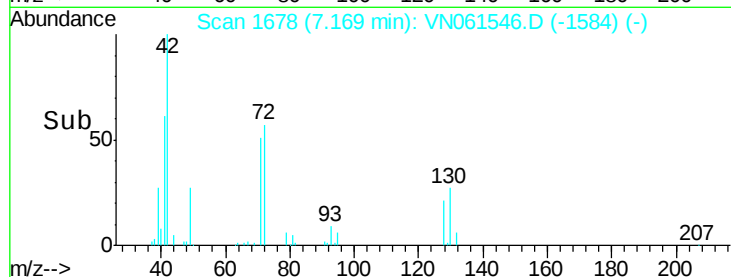
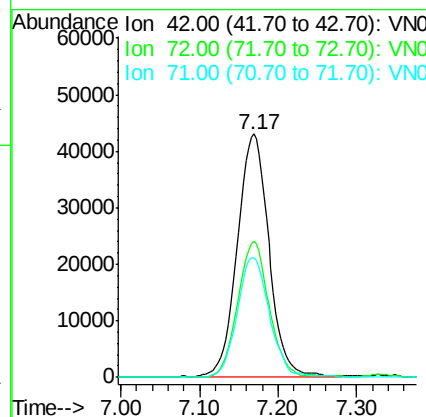
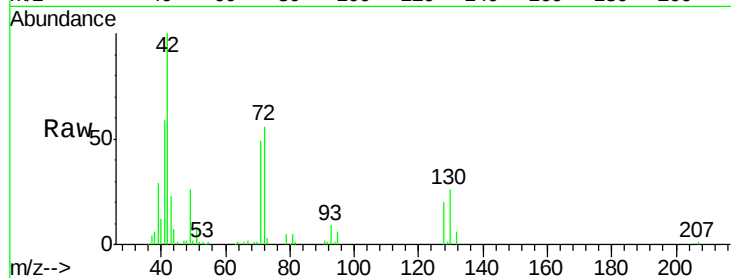
#29
Tetrahydrofuran
Concen: 101.165 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampled :
VN0528WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.8	43.6	65.4
71	50.0	41.2	61.8

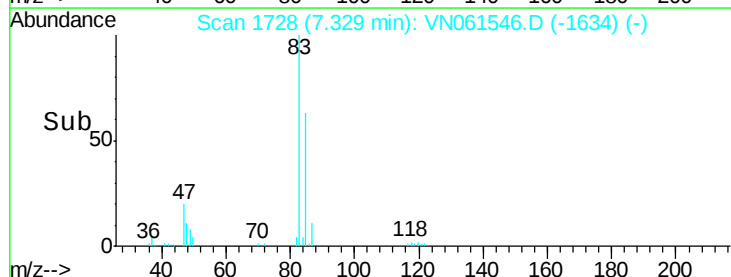
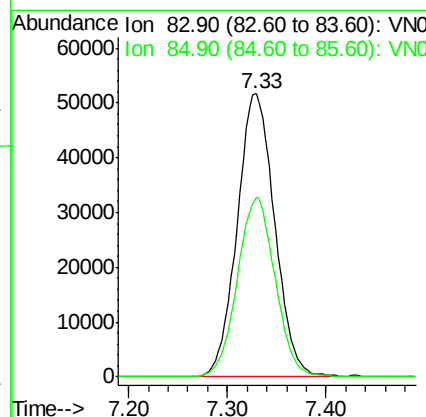
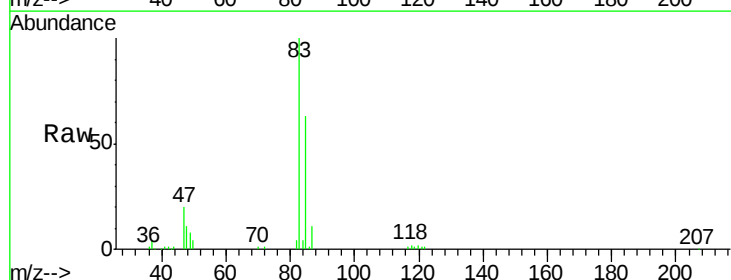
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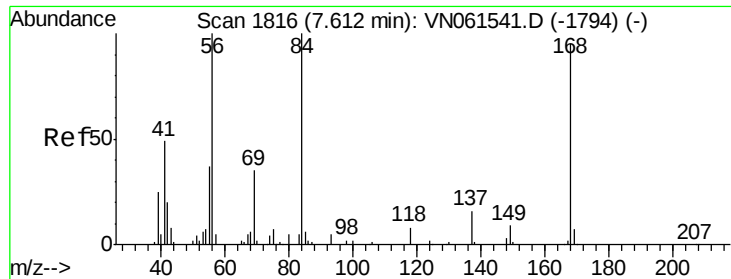
MMDadoda
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#30
Chloroform
Concen: 20.394 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.7	77.5





#31

Cyclohexane

Concen: 18.745 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

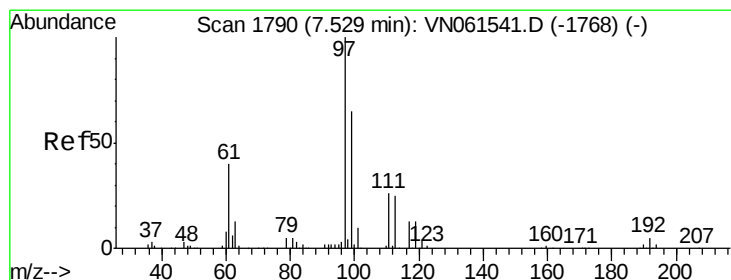
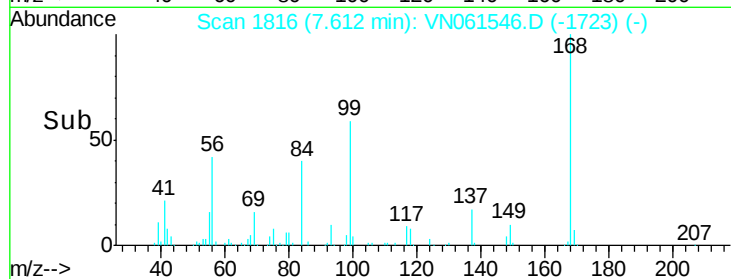
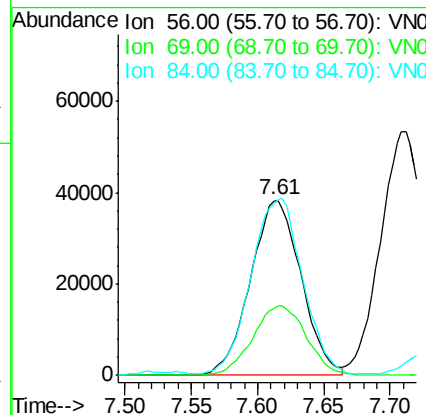
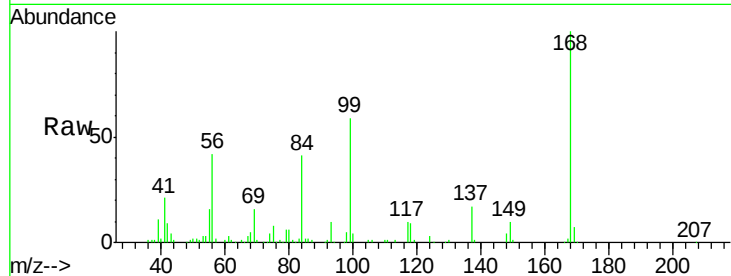
ClientSampleId :

VN0528WBS01

Tot Ion:	56	Resp:	101865
Ion Ratio		Lower	Upper
56	100		
69	38.3	27.8	41.8
84	97.0	79.9	119.9

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#32

1,1,1-Trichloroethane

Concen: 19.921 ug/l

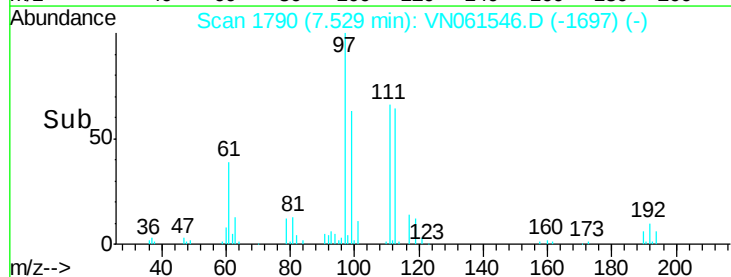
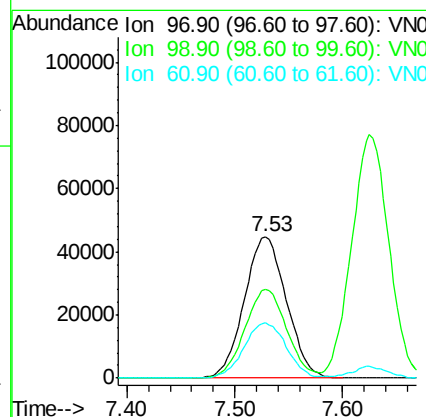
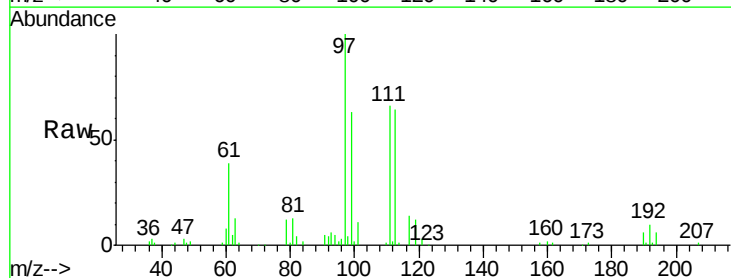
RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion:	97	Resp:	121341
Ion Ratio		Lower	Upper
97	100		
99	62.7	51.4	77.0
61	39.4	31.4	47.0





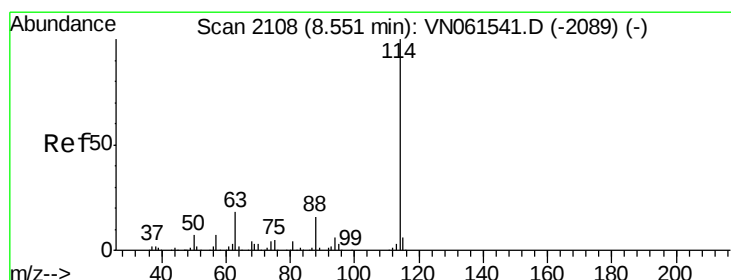
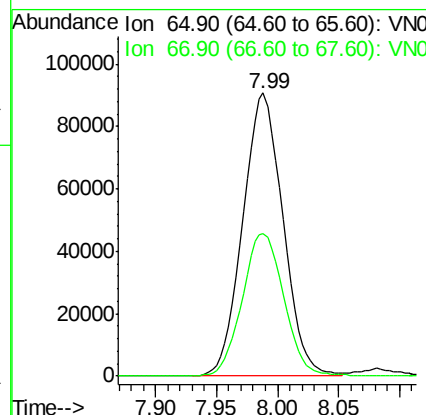
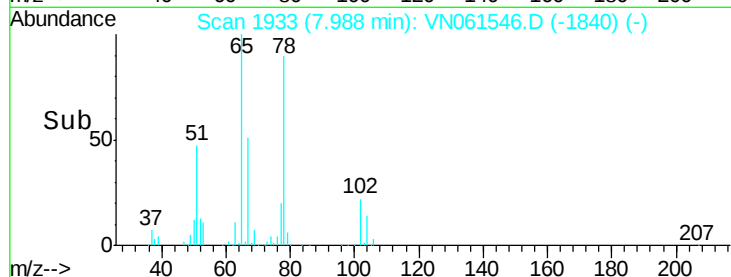
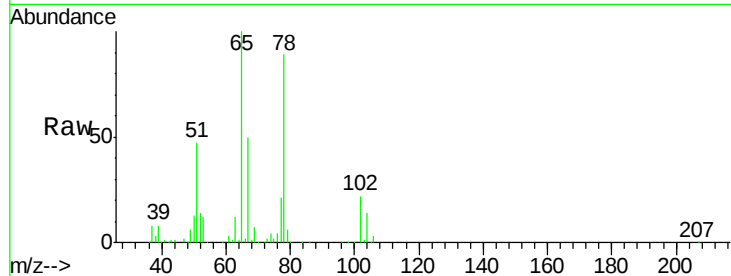
#33
 1,2-Dichloroethane-d4
 Concen: 53.663 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	206917		
67	52.1	0.0	104.8	

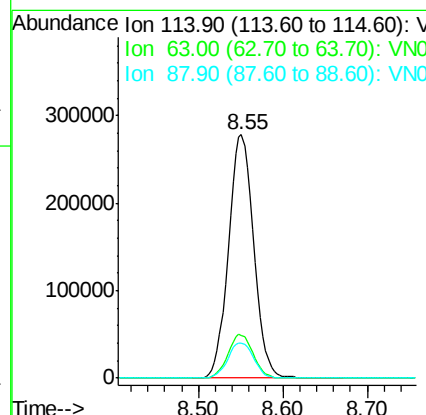
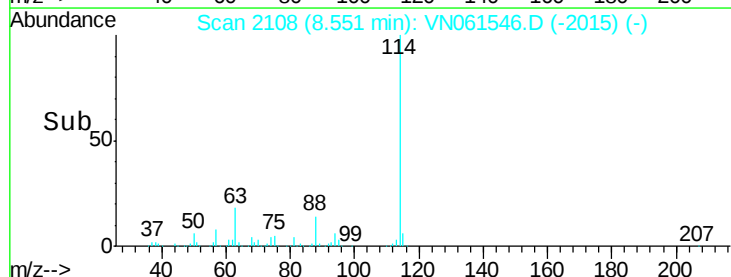
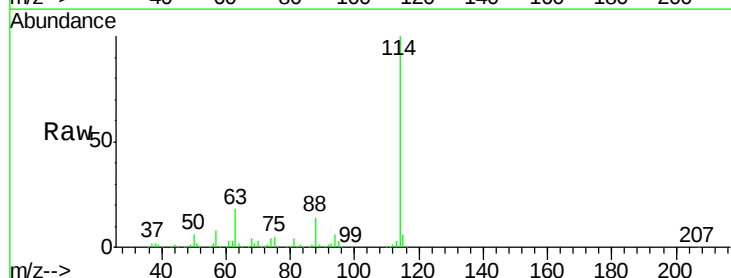
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	578147		
63	17.7	0.0	35.8	
88	14.4	0.0	31.0	





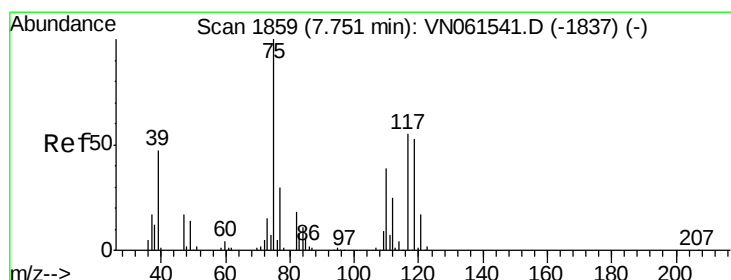
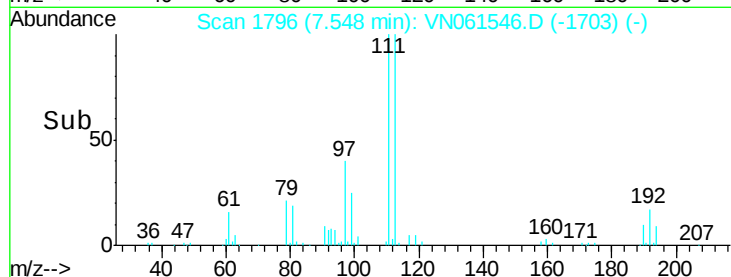
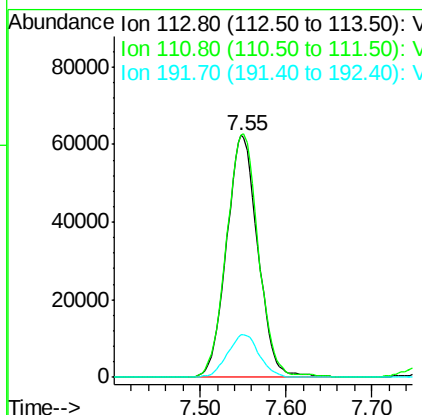
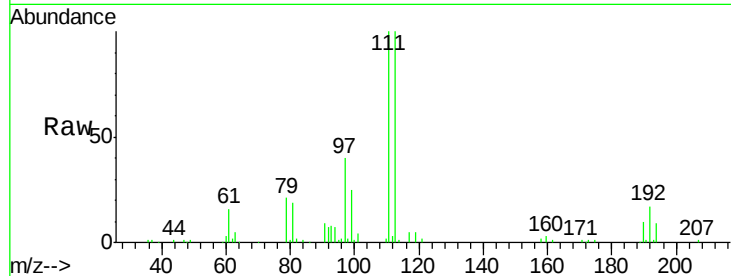
#35
 Dibromofluoromethane
 Concen: 53.722 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157557		
111	102.8	83.4	125.0	
192	17.8	15.4	23.2	

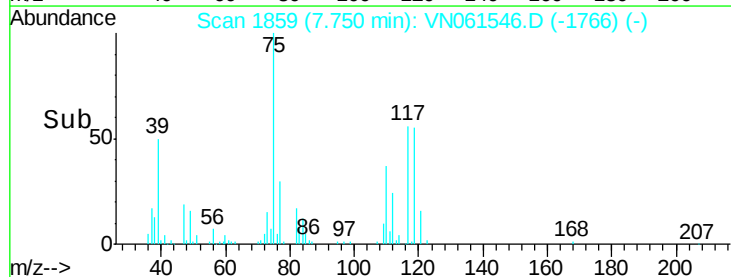
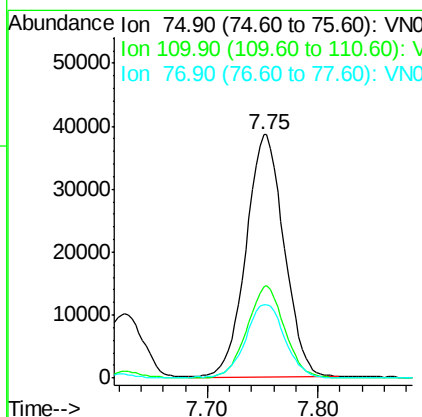
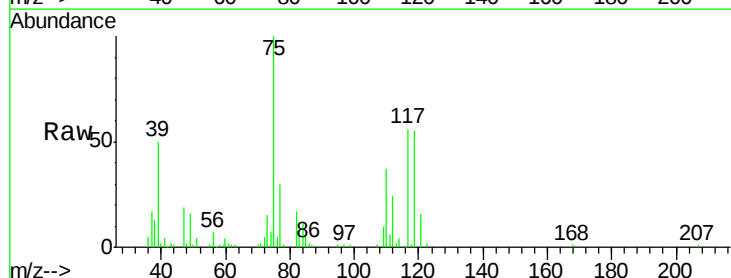
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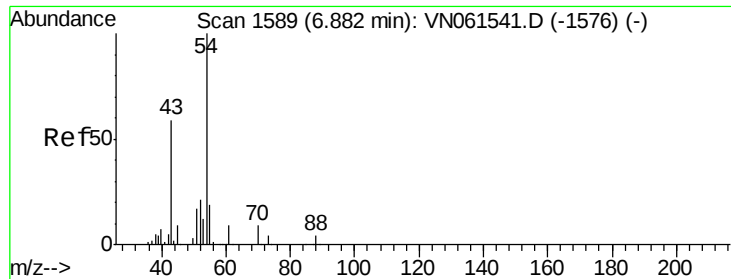
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#36
 1,1-Dichloropropene
 Concen: 18.000 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92126		
110	37.4	19.5	58.5	
77	31.4	24.7	37.1	





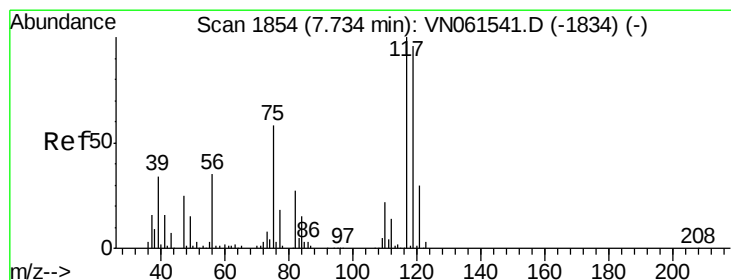
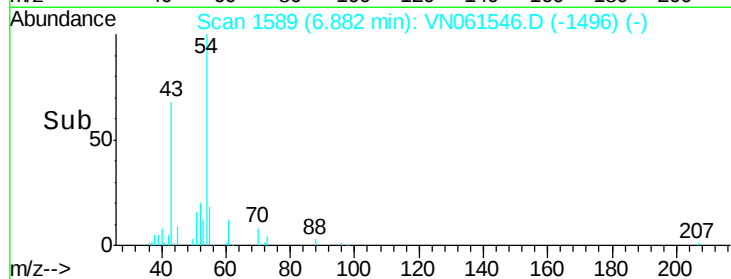
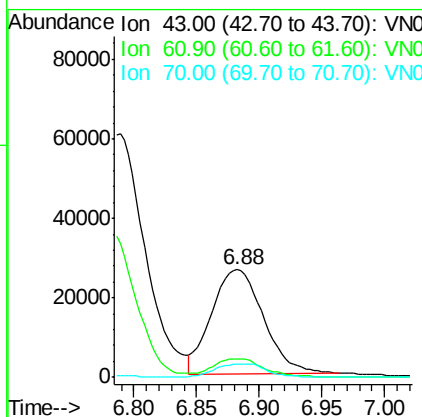
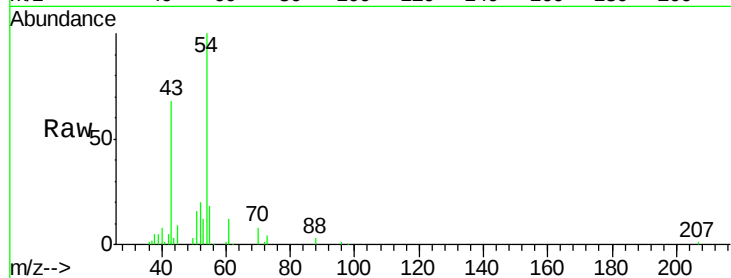
#37
Ethyl Acetate
Concen: 18.518 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.5	12.2	18.4
70	13.1	9.4	14.2

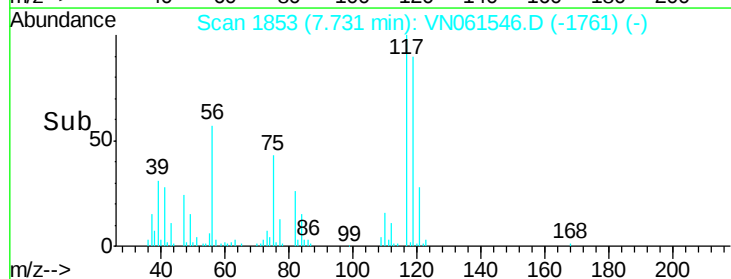
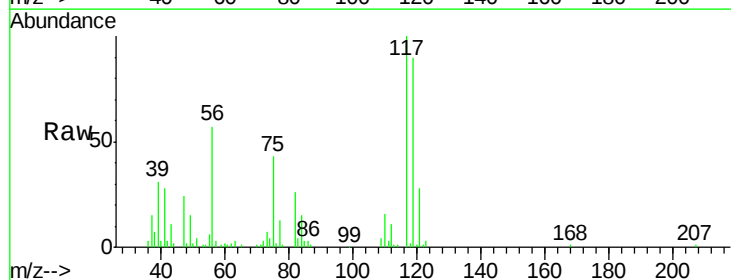
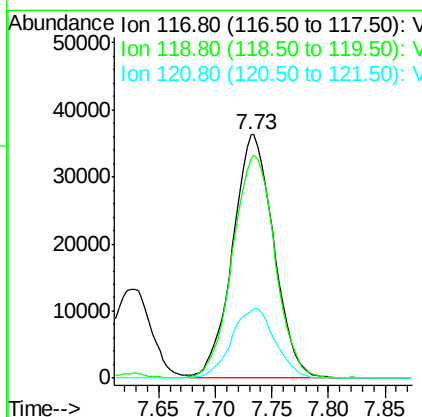
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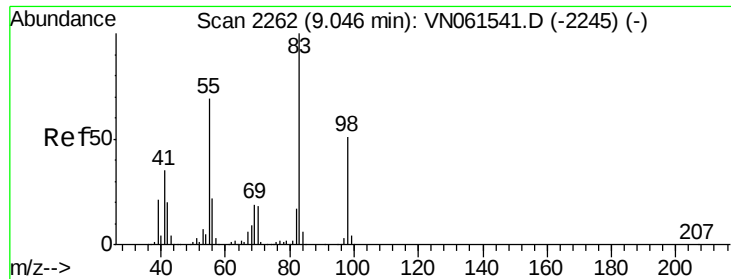
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#38
Carbon Tetrachloride
Concen: 18.594 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.2	76.5	114.7
121	27.7	24.1	36.1





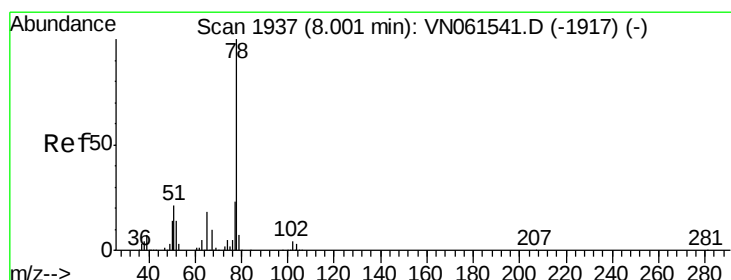
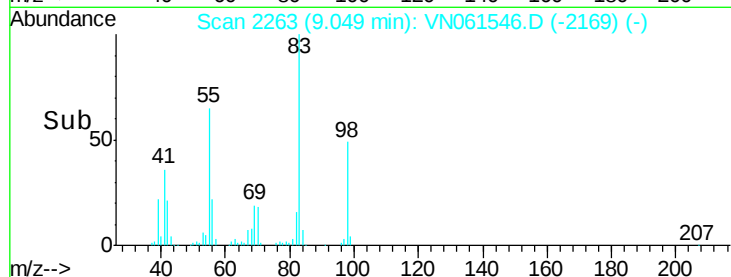
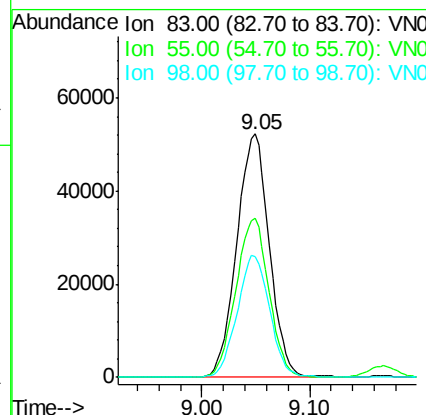
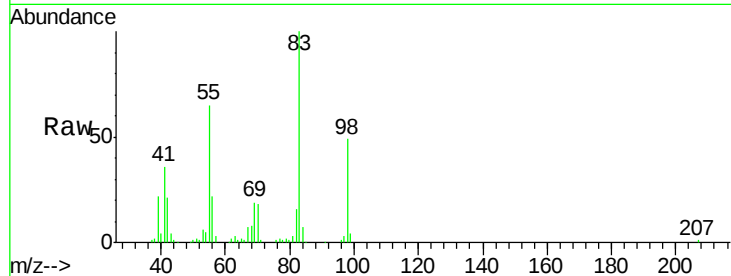
#39
Methvlcvclohexane
Concen: 17.452 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	65.2	54.9	82.3	
98	49.4	41.0	61.4	

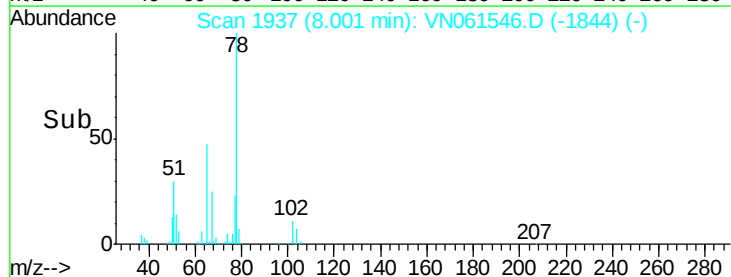
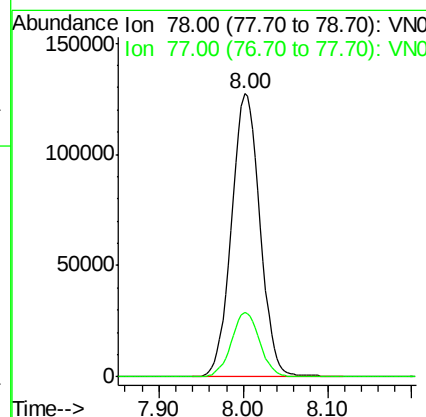
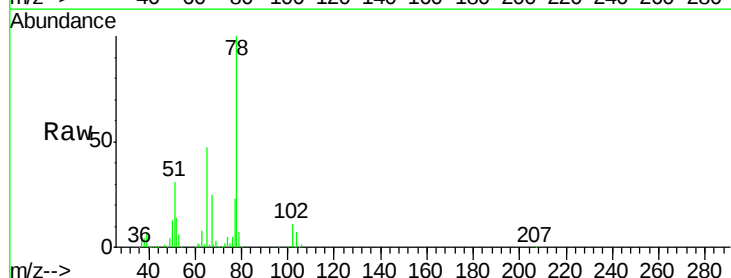
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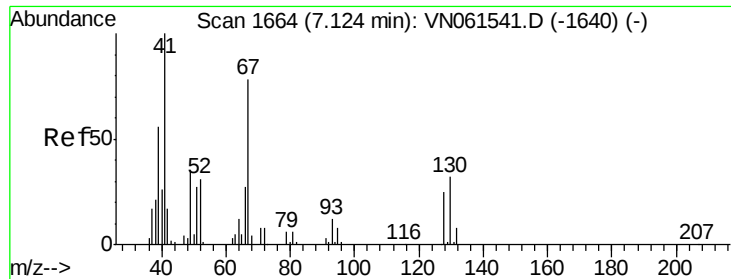
MMDadoda
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#40
Benzene
Concen: 18.926 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.7	18.6	28.0	





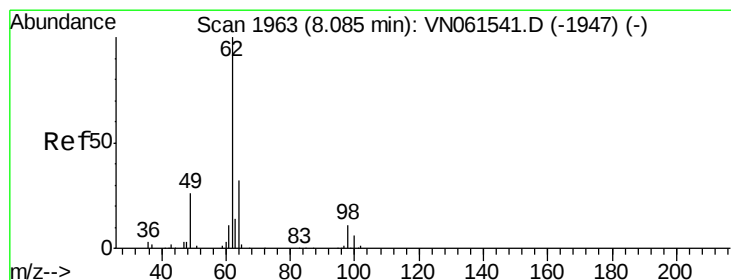
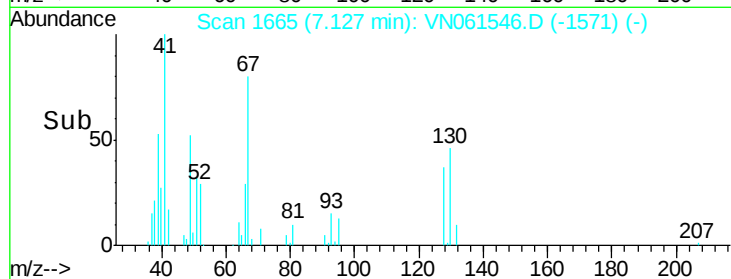
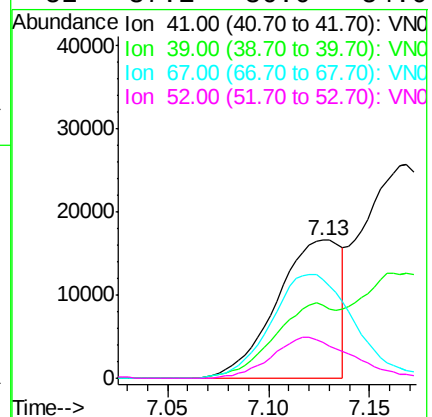
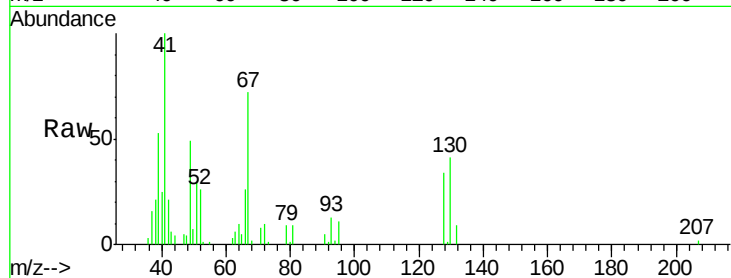
#41
Methacrylonitrile
Concen: 19.466 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.4	53.8	80.6#
67	97.8	91.1	136.7
52	37.1	36.0	54.0

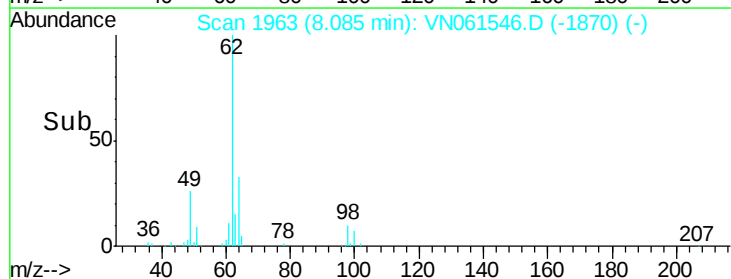
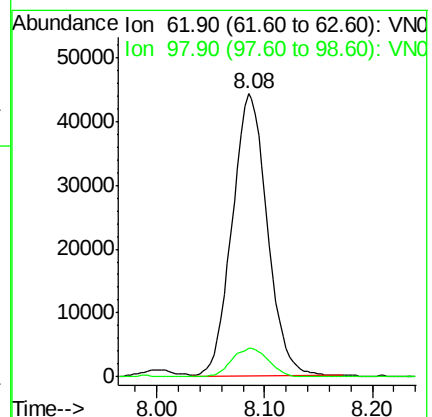
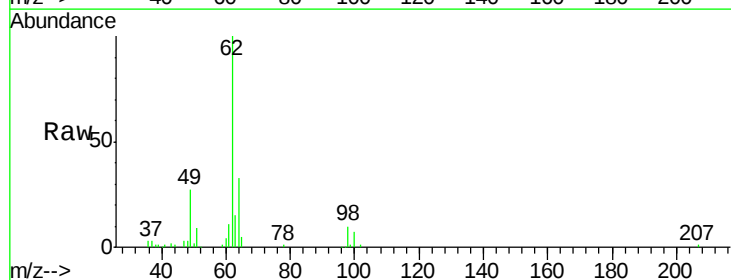
Manual Integrations
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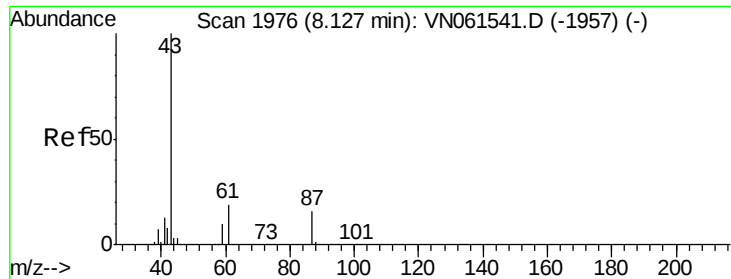
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.903 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.4





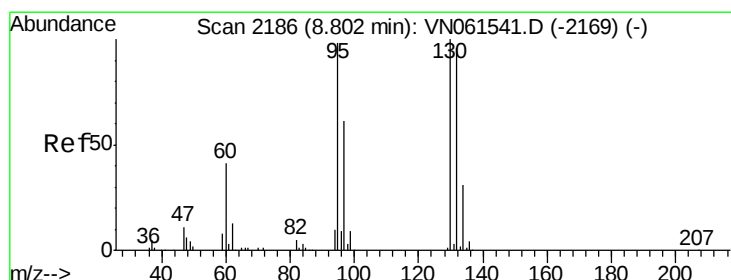
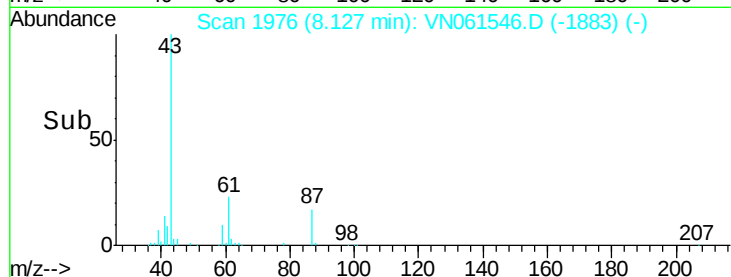
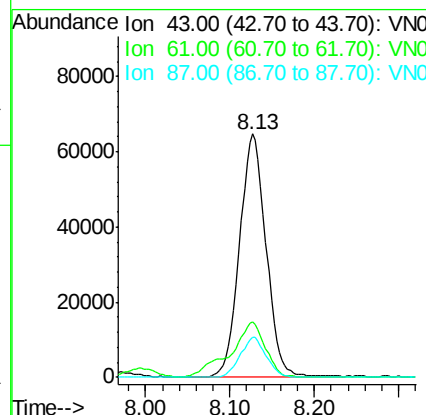
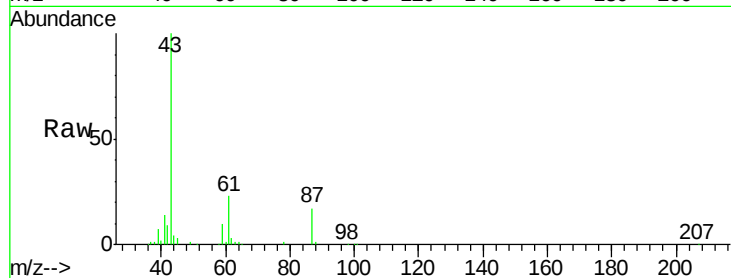
#43
Isopropyl Acetate
Concen: 19.204 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.6	35.4
87	16.1	13.0	19.6

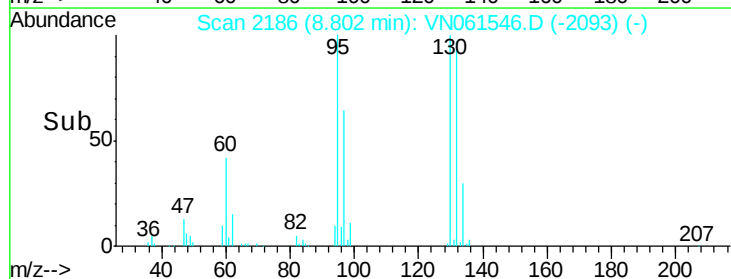
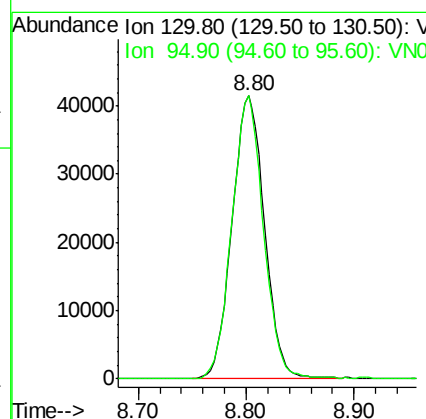
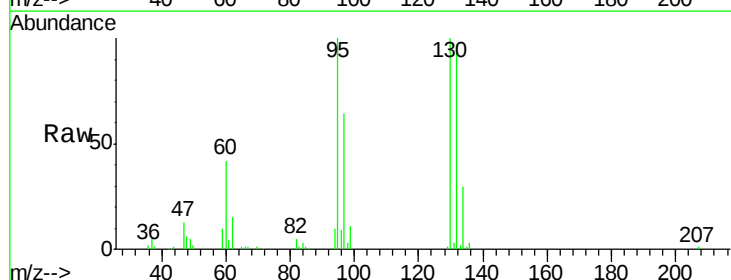
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#44
Trichloroethene
Concen: 17.924 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	196.6





#45

1,2-Dichloropropane

Concen: 18.870 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion: 63 Resp: 70759

Ion Ratio Lower Upper

63 100

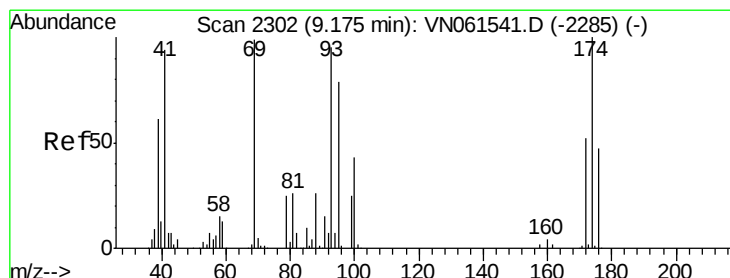
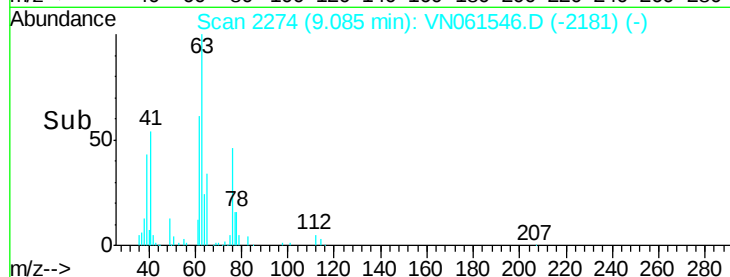
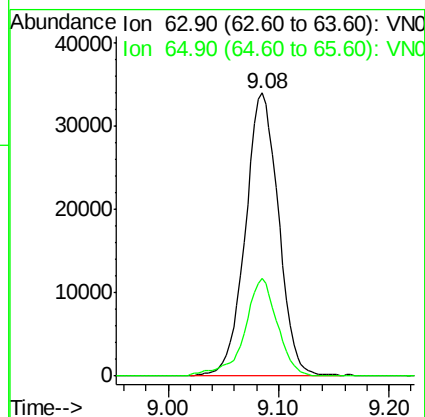
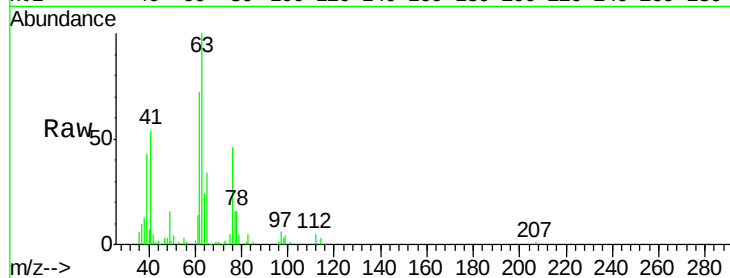
65 34.4 24.7 37.1

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#46

Dibromomethane

Concen: 18.721 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

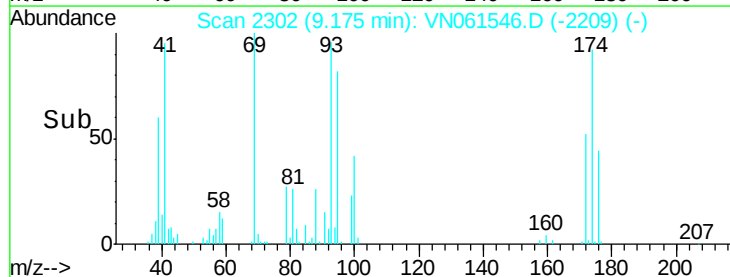
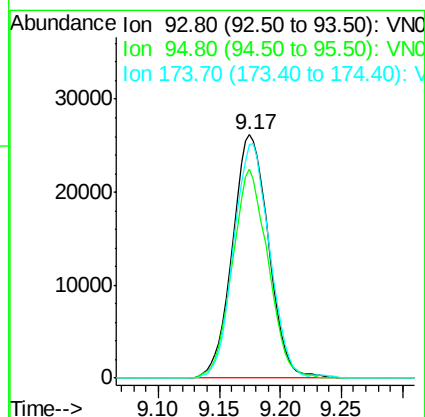
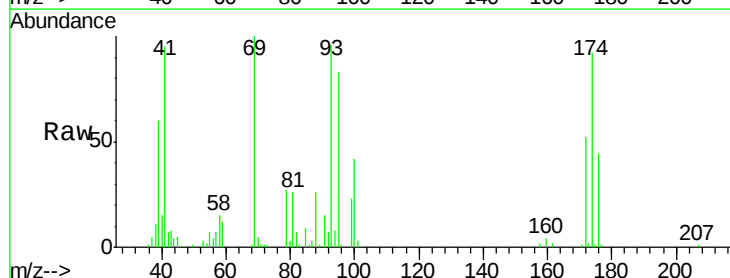
Tgt Ion: 93 Resp: 53841

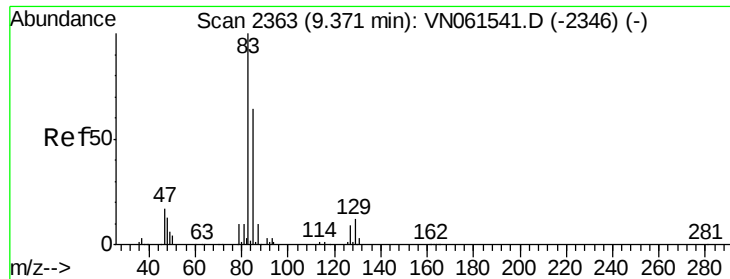
Ion Ratio Lower Upper

93 100

95 84.8 66.0 99.0

174 95.3 82.5 123.7





#47

Bromodichloromethane

Concen: 18.789 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

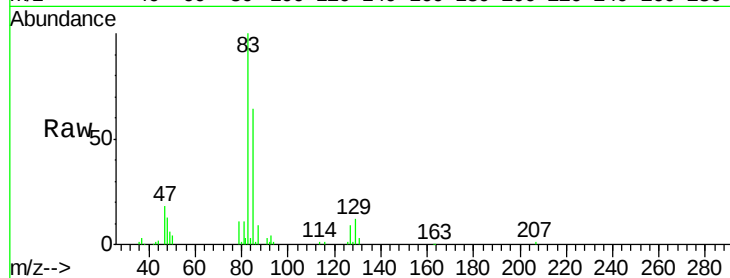
ClientSampleId :

VN0528WBS01

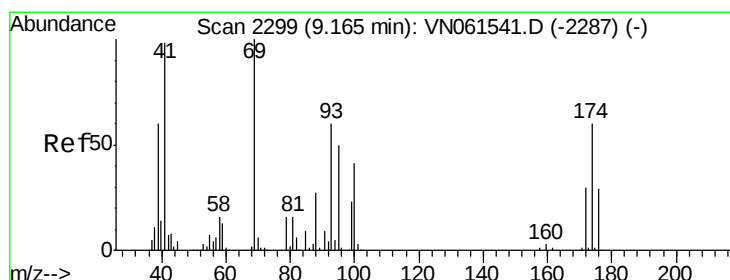
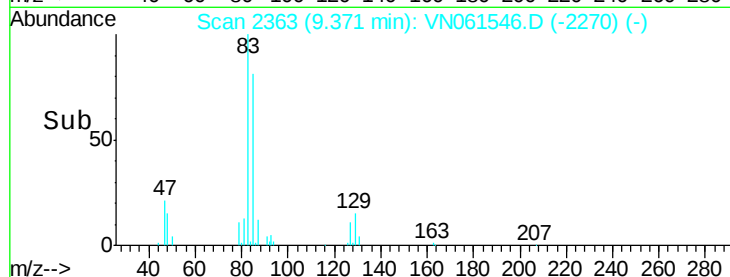
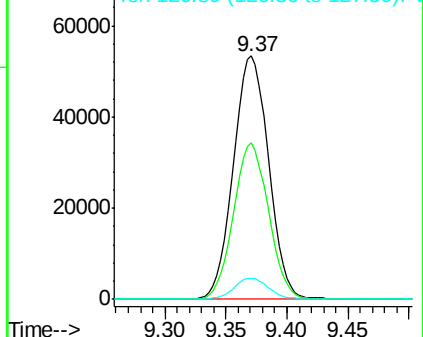
Tot Ion:	83	Resp:	107058
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.1	76.7
127	8.7	7.2	10.8

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Abundance Ion 82.90 (82.60 to 83.60): VN061546.D (-2270) (-)



#48

Methyl methacrylate

Concen: 18.550 ug/l

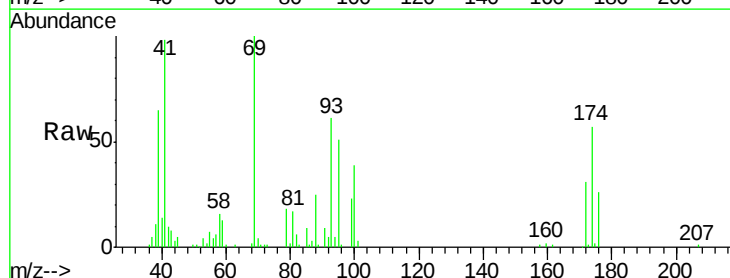
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

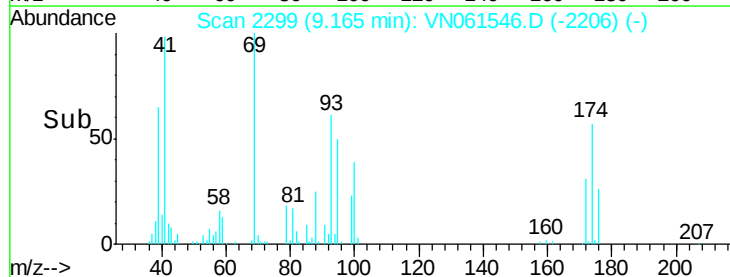
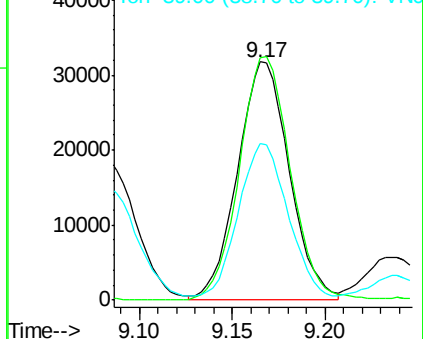
Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion:	41	Resp:	61897
Ion	Ratio	Lower	Upper
41	100		
69	100.8	83.9	125.9
39	62.9	52.1	78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061546.D (-2206) (-)





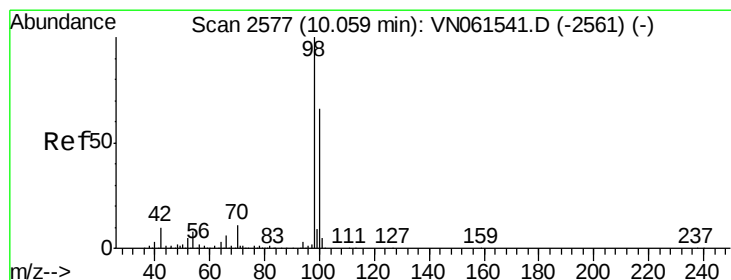
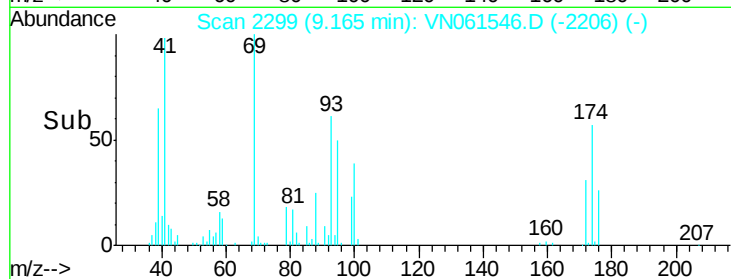
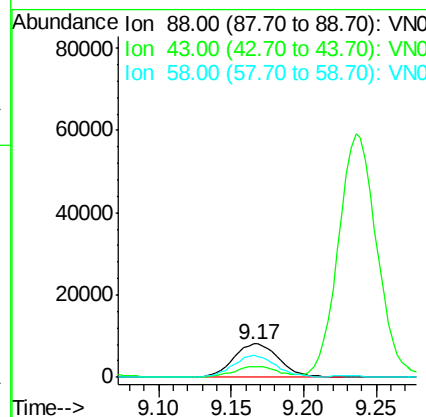
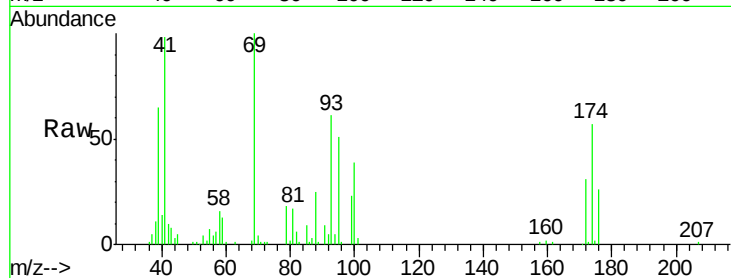
#49
1,4-Dioxane
Concen: 344.692 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	23.1	34.7
58	61.8	48.3	72.5

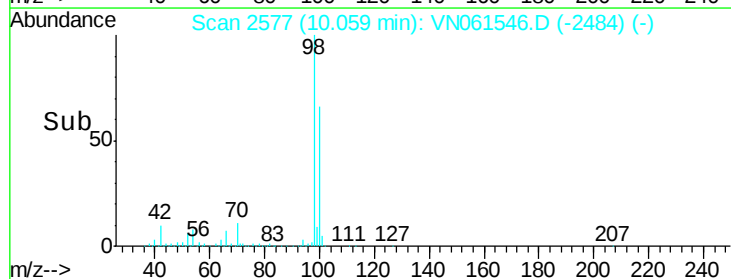
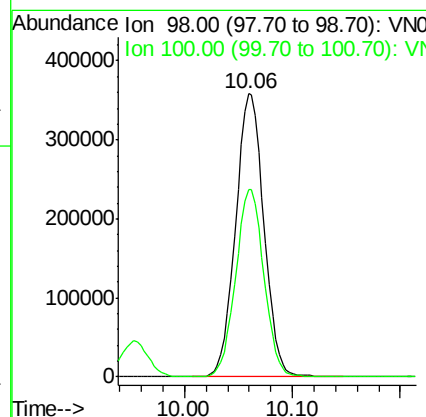
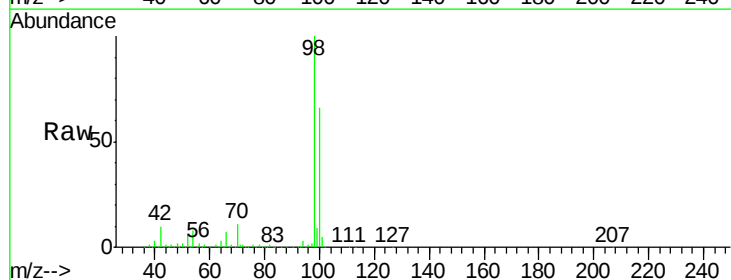
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#50
Toluene-d8
Concen: 48.284 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 95.491 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion: 43 Resp: 399090

Ion Ratio Lower Upper

43 100

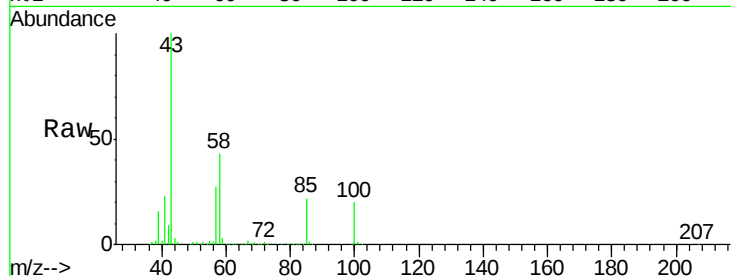
58 43.0 35.0 52.6

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250000

200000

150000

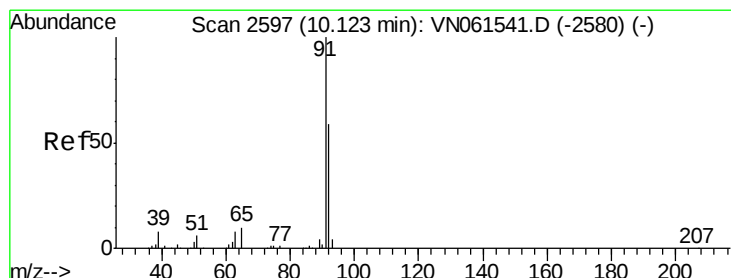
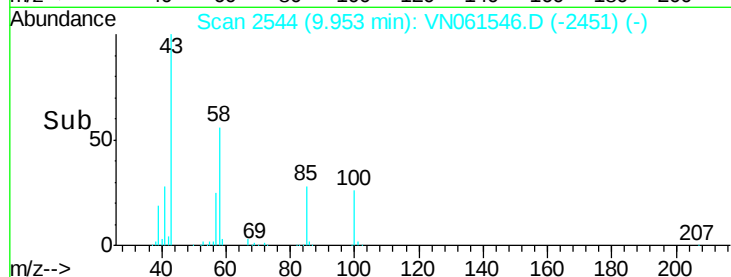
100000

50000

0

9.95

Time-->



#52

Toluene

Concen: 18.704 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061546.D

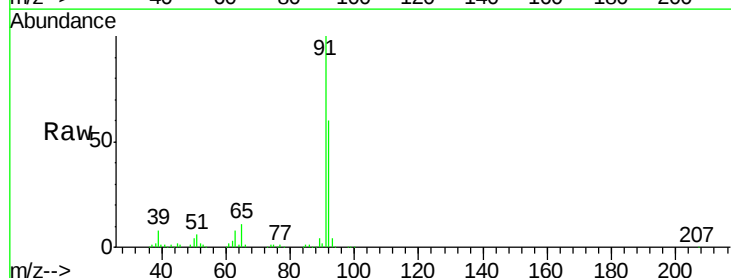
Acq: 28 May 2020 22:03

Tgt Ion: 92 Resp: 192782

Ion Ratio Lower Upper

92 100

91 168.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

200000

150000

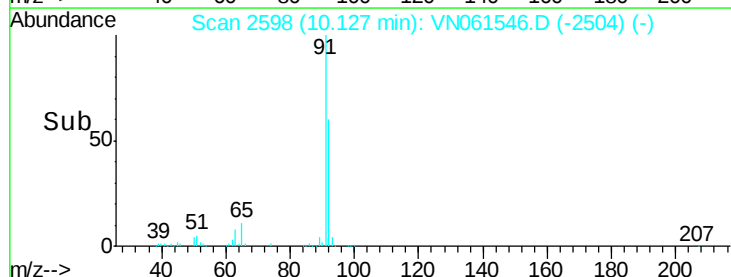
100000

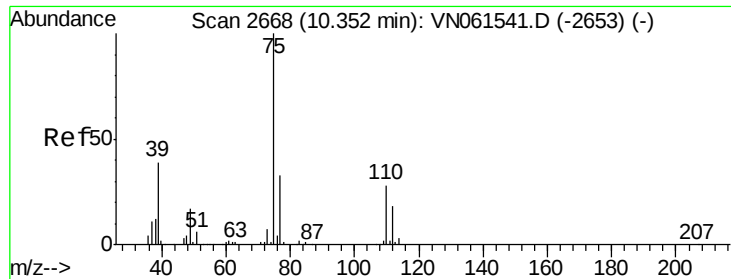
50000

0

10.13

Time-->





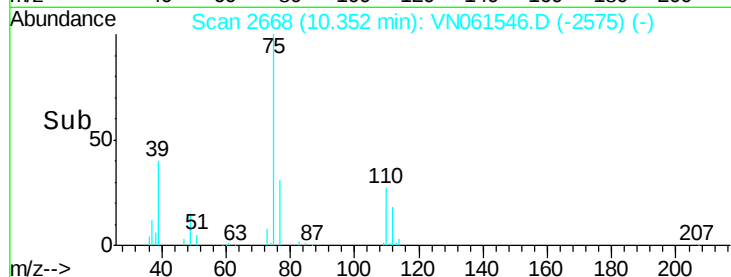
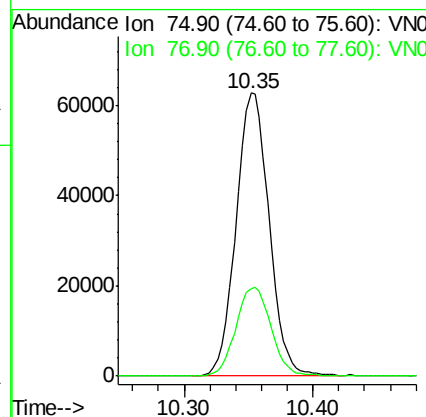
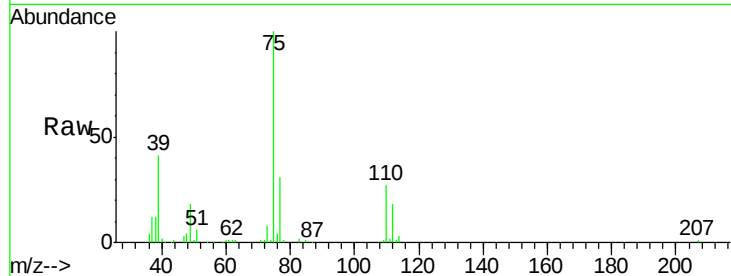
#53
t-1,3-Dichloropropene
Concen: 18.224 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion: 75 Resp: 111860
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.4

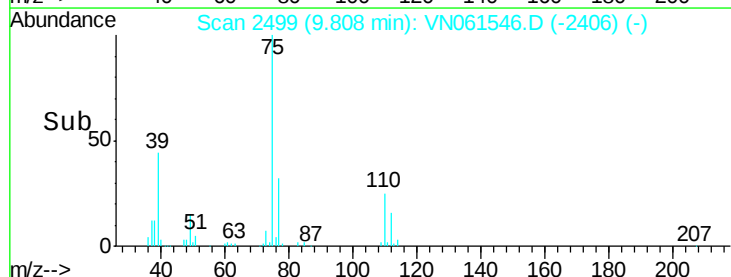
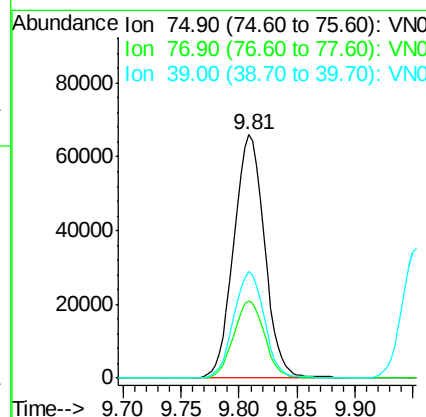
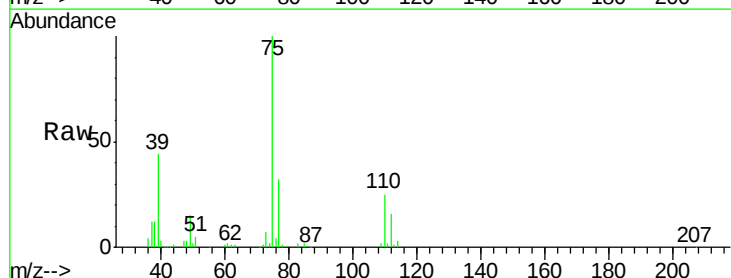
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#54
cis-1,3-Dichloropropene
Concen: 18.341 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 75 Resp: 121049
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
39 43.6 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 18.811 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion: 97 Resp: 77246

Ion Ratio Lower Upper

97 100

83 81.3 68.1 102.1

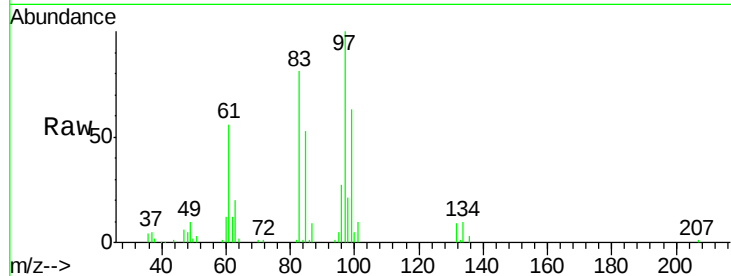
85 53.4 44.1 66.1

99 63.0 51.1 76.7

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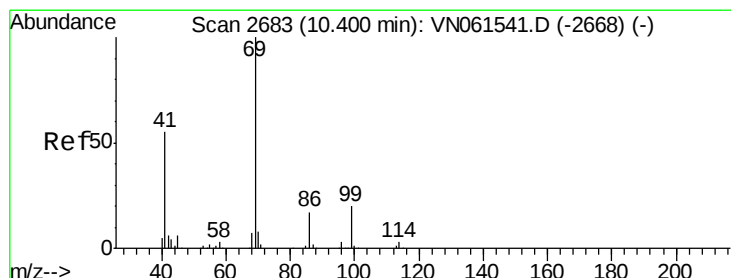
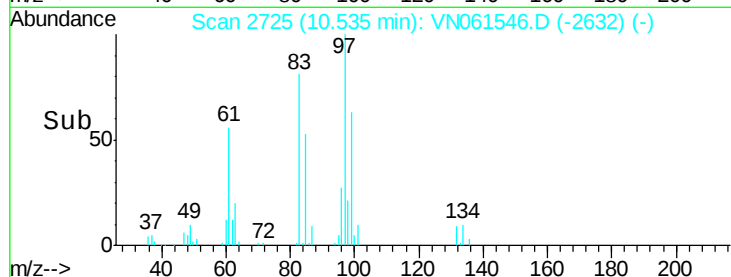
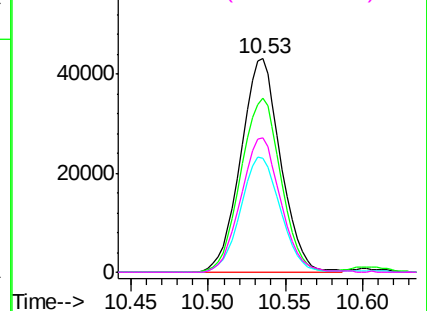


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.868 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

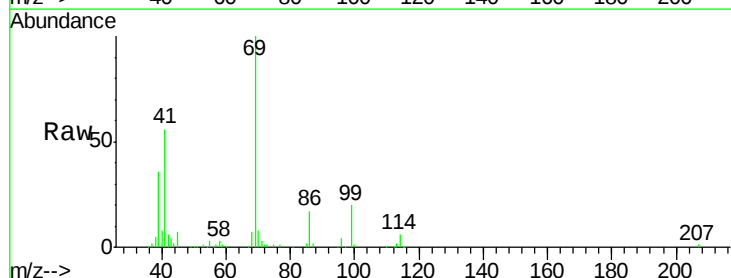
Tgt Ion: 69 Resp: 108232

Ion Ratio Lower Upper

69 100

41 54.7 43.5 65.3

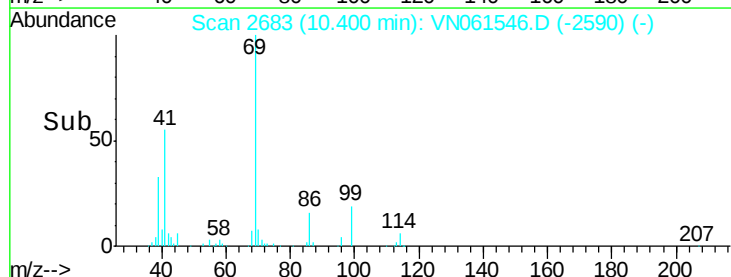
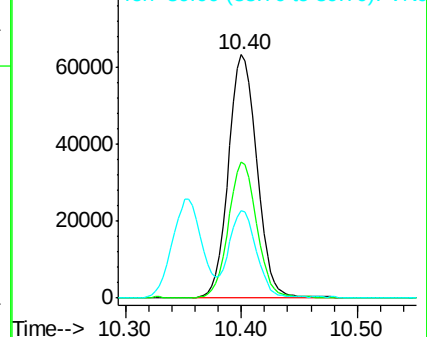
39 34.4 27.0 40.6

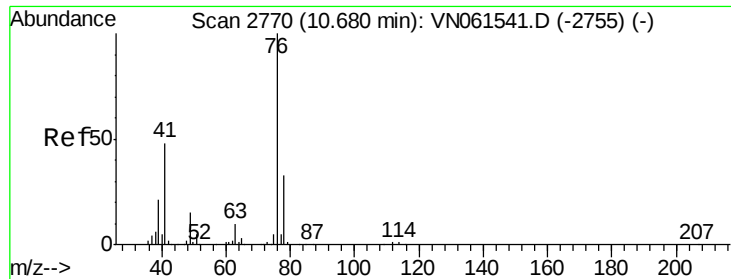


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





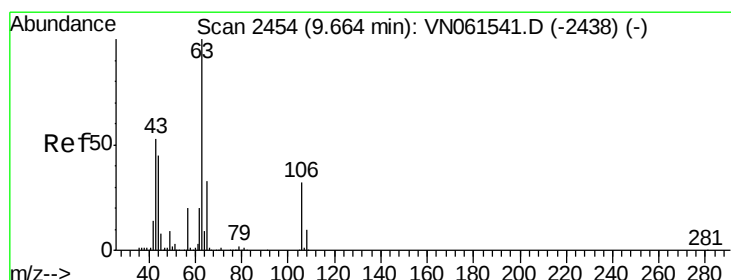
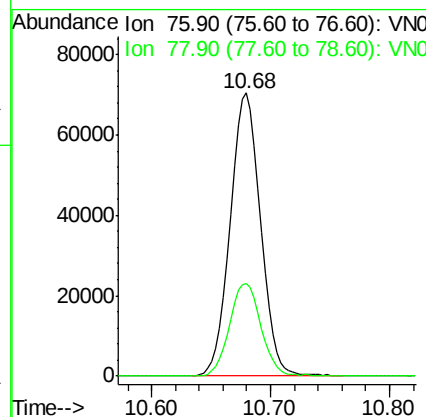
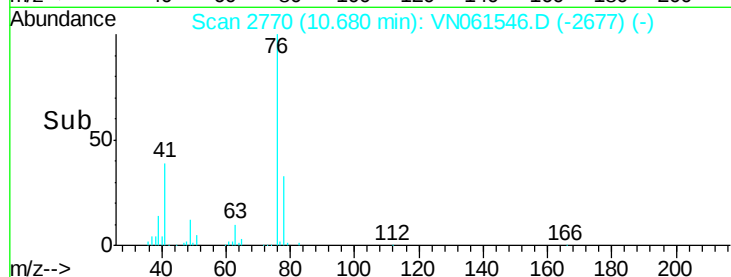
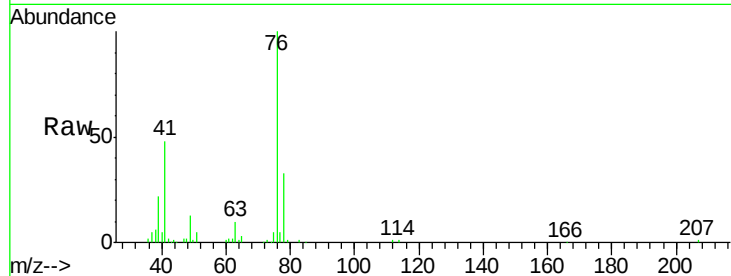
#57
 1,3-Dichloropropane
 Concen: 18.958 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.0	26.3	39.5

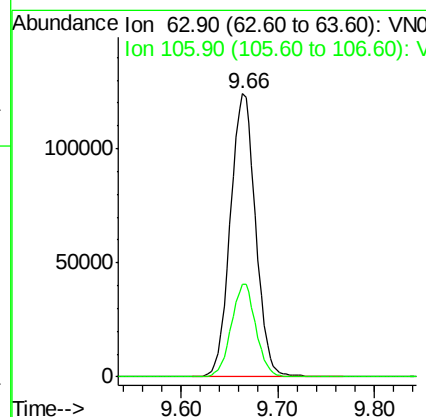
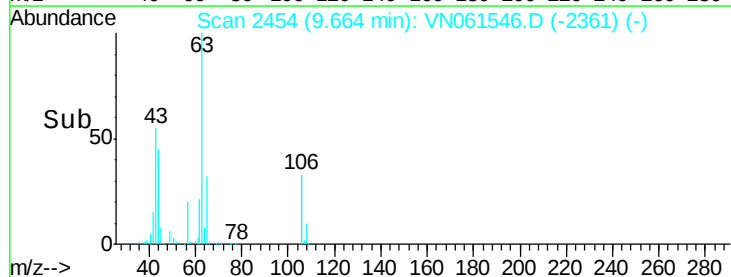
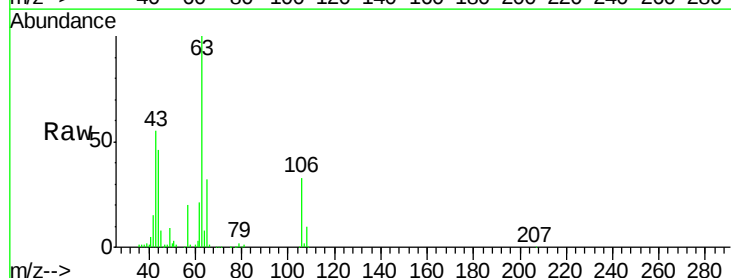
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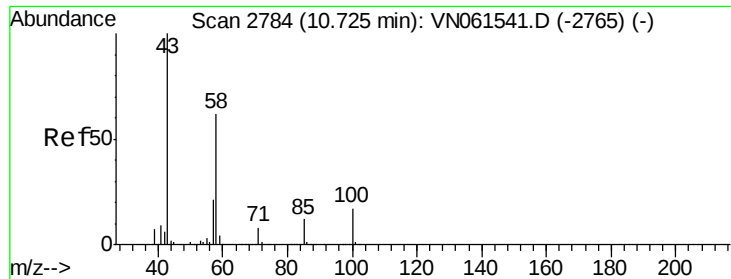
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#58
 2-Chloroethyl Vinyl ether
 Concen: 91.989 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.1	25.9	38.9





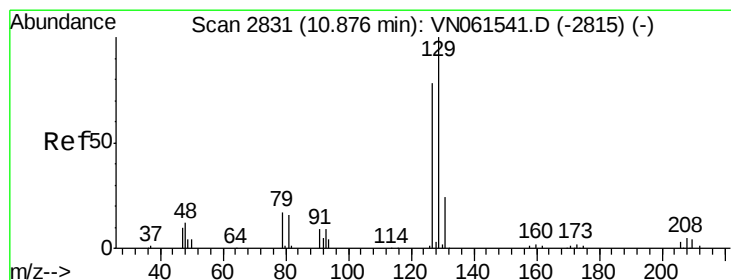
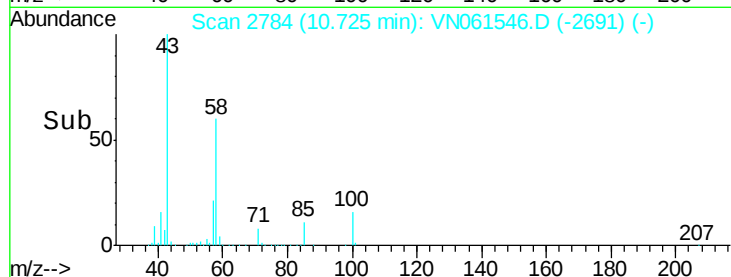
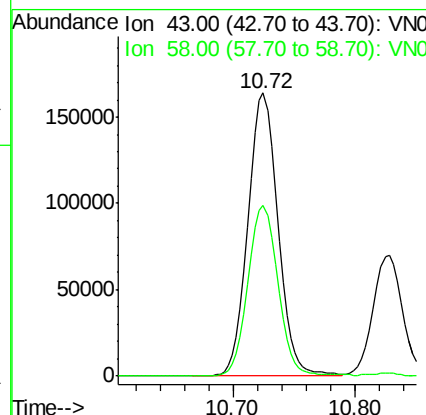
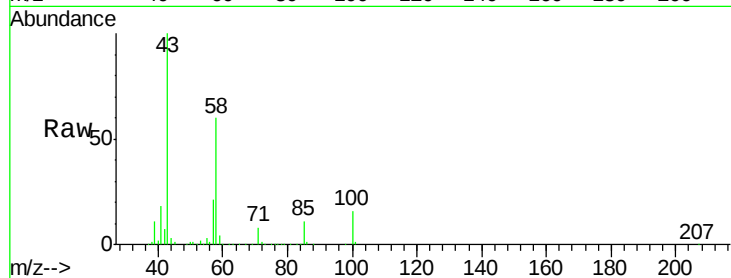
#59
2-Hexanone
Concen: 92.836 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion: 43 Resp: 278648
Ion Ratio Lower Upper
43 100
58 60.5 30.7 92.1

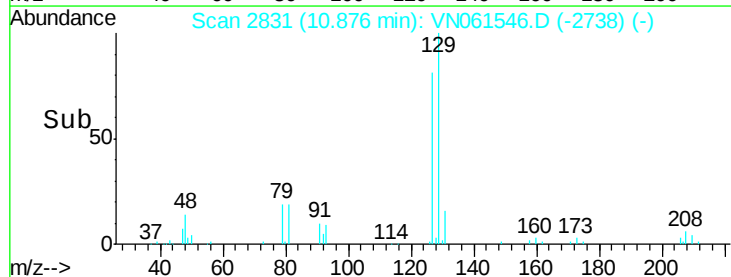
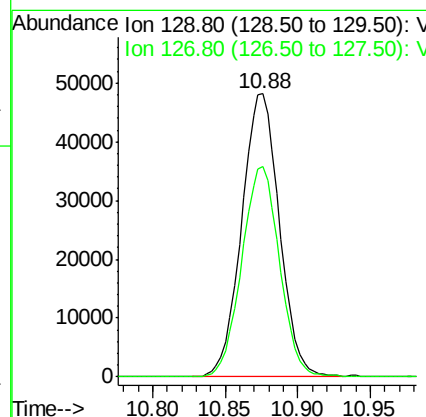
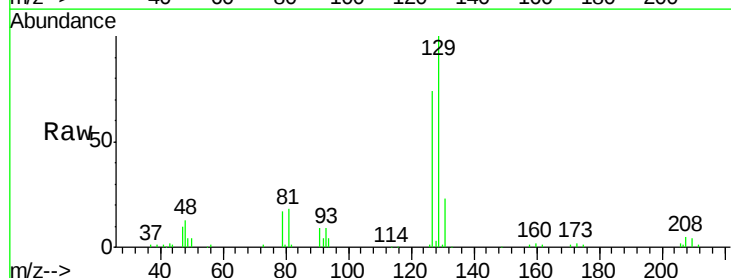
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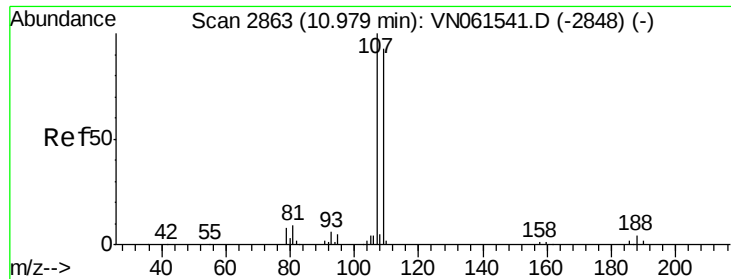
MMDadoda
5/29/2020 5:50:22 PM



#60
Dibromochloromethane
Concen: 18.674 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 129 Resp: 87176
Ion Ratio Lower Upper
129 100
127 74.3 38.8 116.3





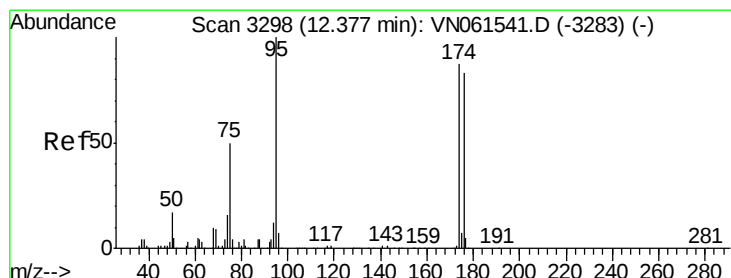
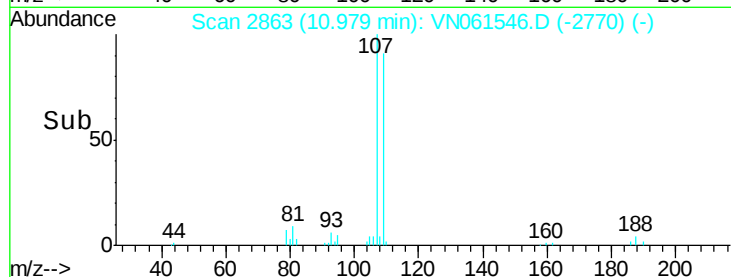
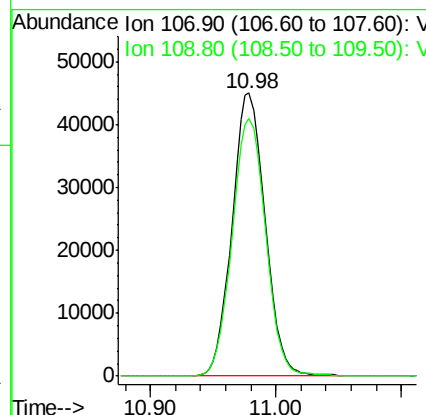
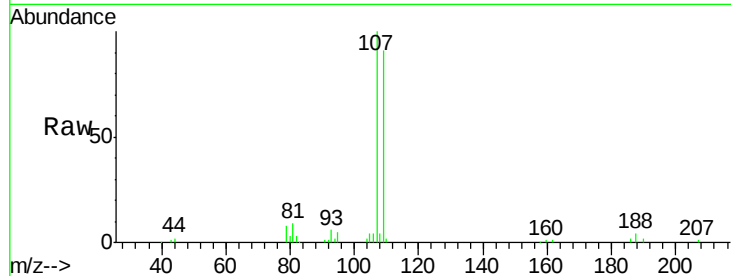
#61
 1,2-Dibromoethane
 Concen: 19.233 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	76.1	114.1

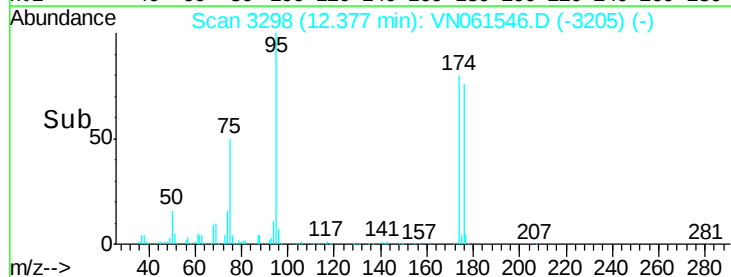
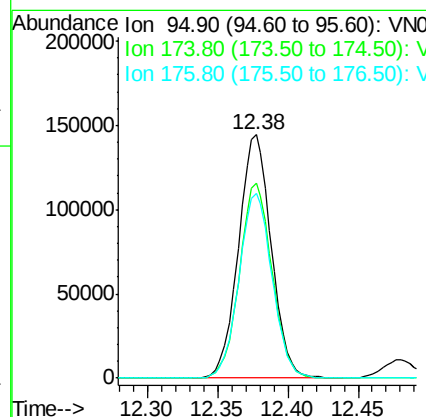
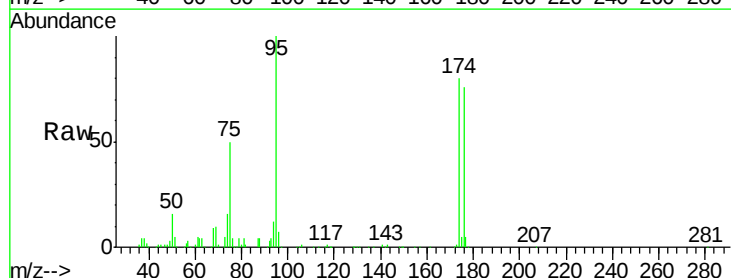
Manual Integrations
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 5/29/2020 5:50:22 PM



#62
 4-Bromofluorobenzene
 Concen: 47.518 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	172.8
176	76.8	0.0	164.8





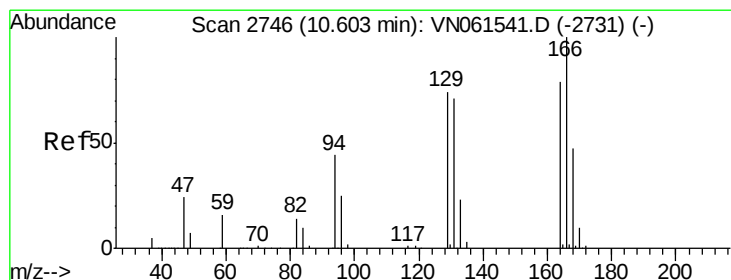
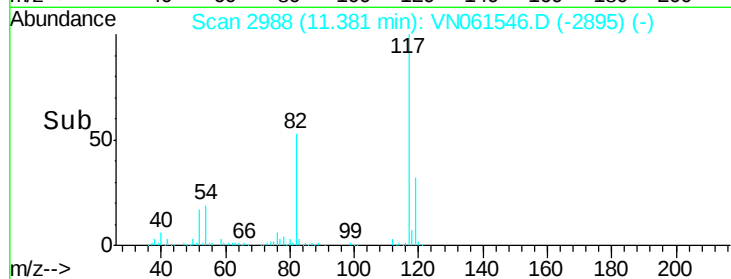
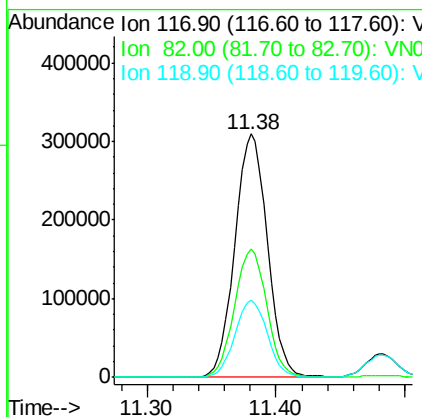
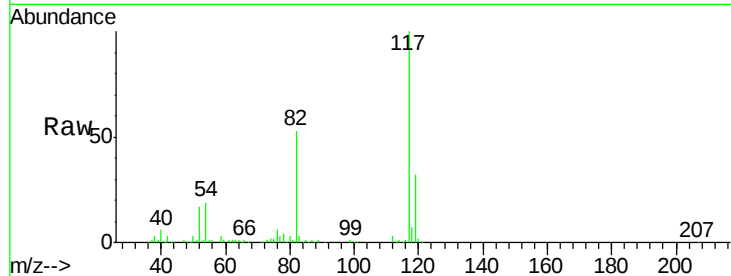
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.5	62.3
119	31.5	25.6	38.4

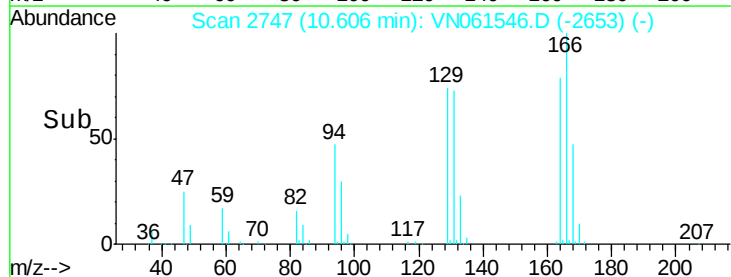
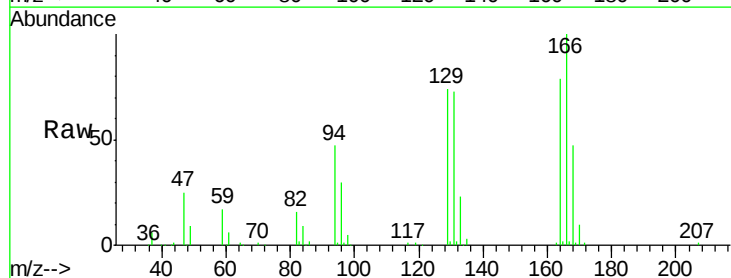
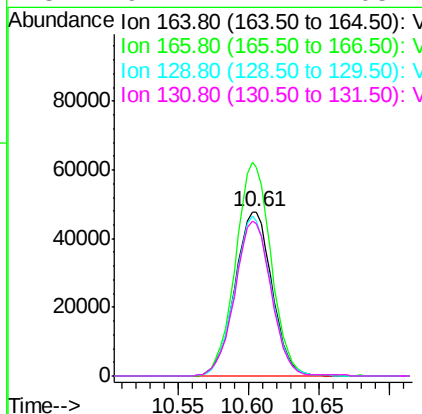
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#64
Tetrachloroethene
Concen: 17.101 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.5	152.3
129	94.5	74.9	112.3
131	92.7	72.2	108.2





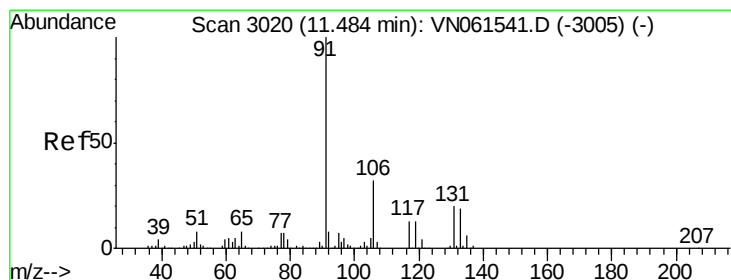
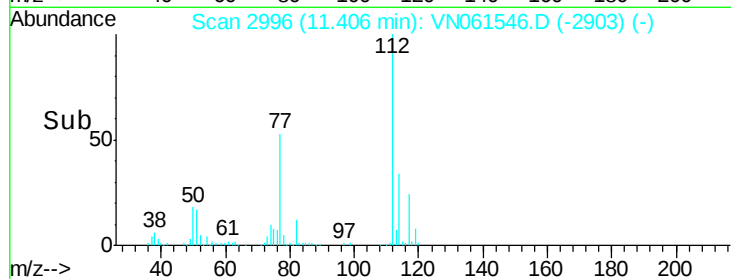
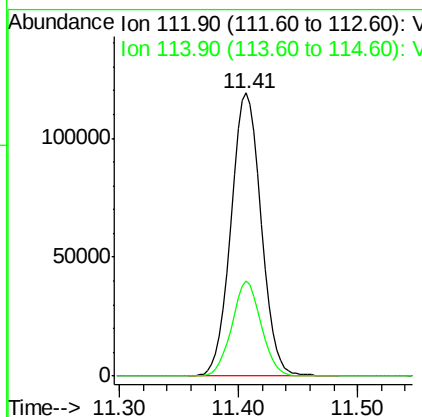
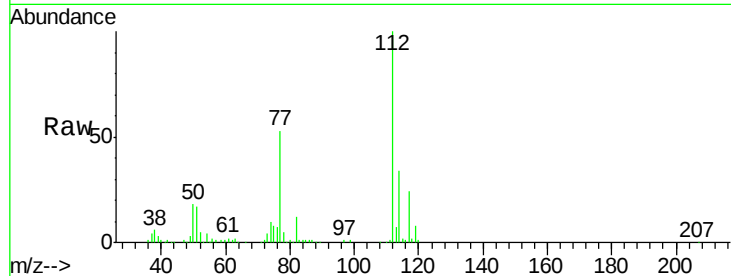
#65
Chlorobenzene
Concen: 18.519 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	209110		
114	33.5	25.7	38.5	

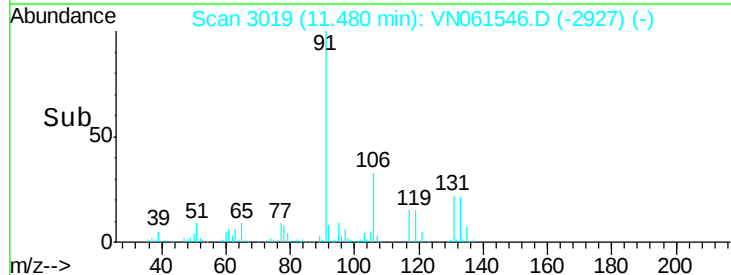
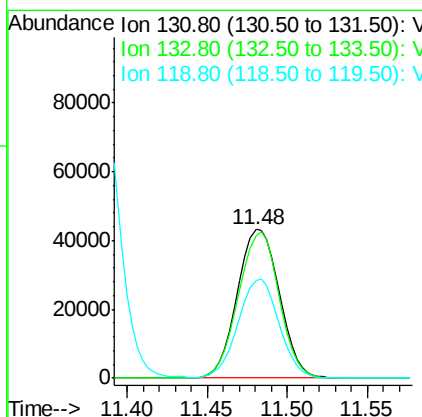
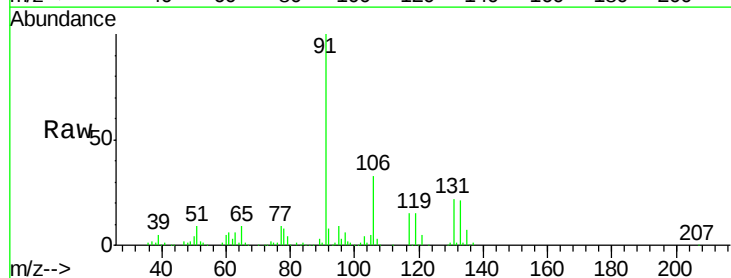
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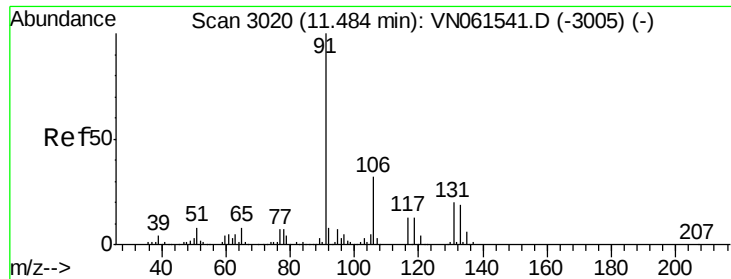
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.521 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	77872		
133	94.8	47.4	142.2	
119	64.6	32.6	97.8	





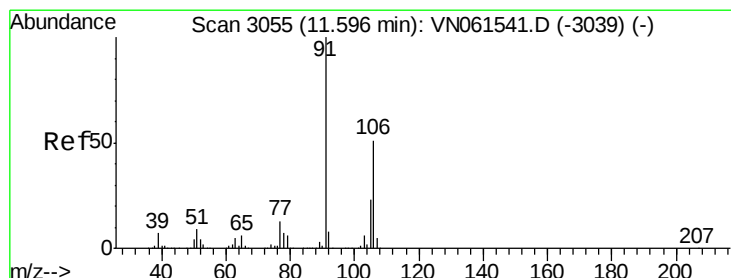
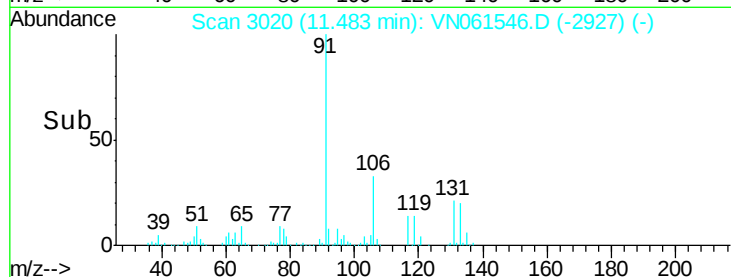
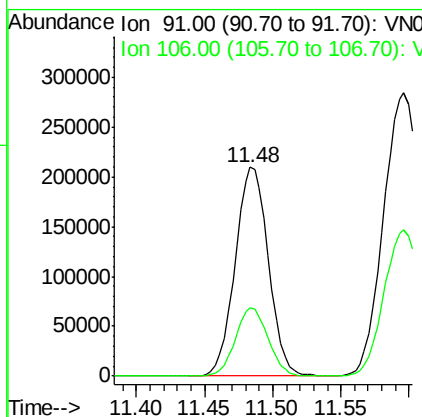
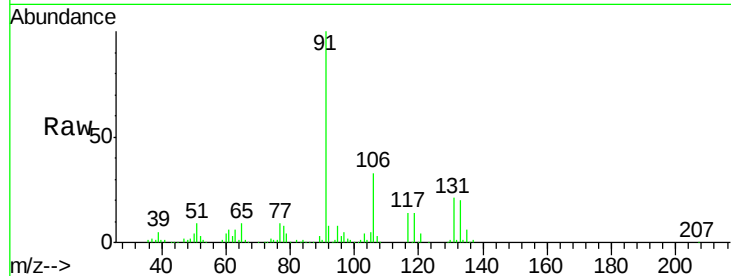
#67
Ethyl Benzene
Concen: 18.181 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampled :
VN0528WBS01

Tot Ion: 91 Resp: 354833
Ion Ratio Lower Upper
91 100
106 32.8 25.6 38.4

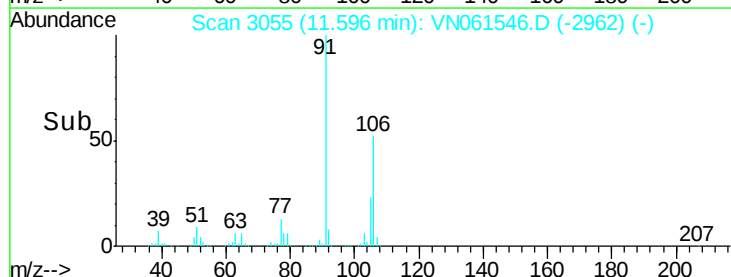
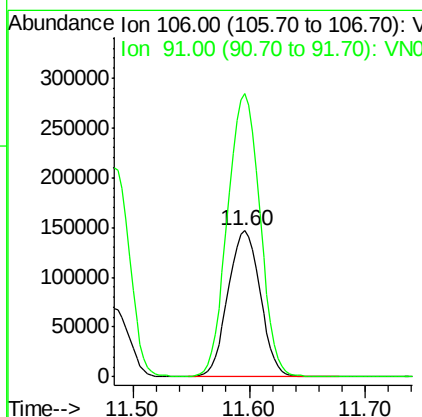
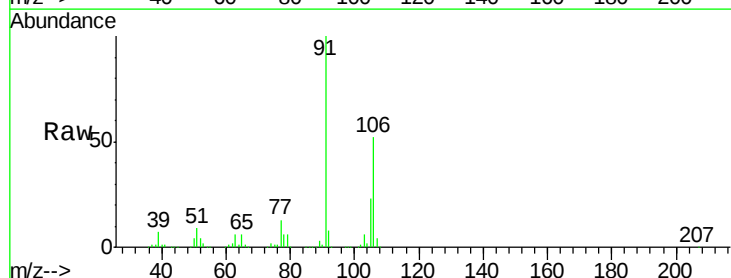
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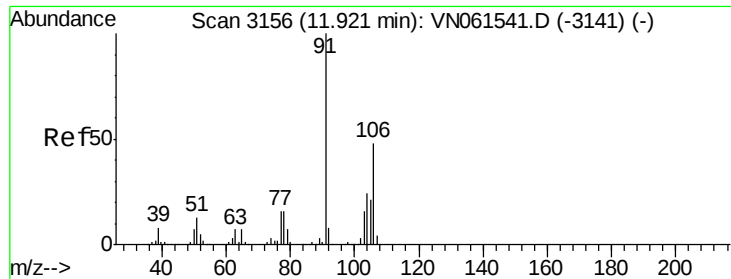
MMDadoda
5/29/2020 5:50:22 PM



#68
m/p-Xylenes
Concen: 36.672 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 106 Resp: 283779
Ion Ratio Lower Upper
106 100
91 194.9 156.2 234.4





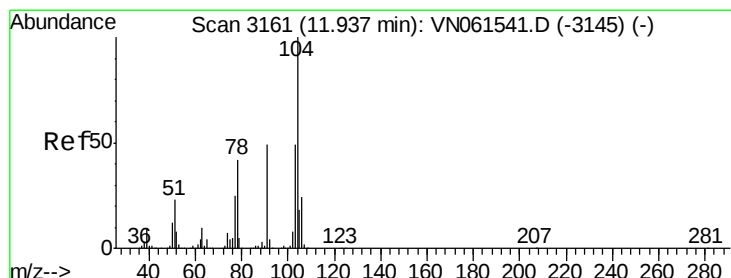
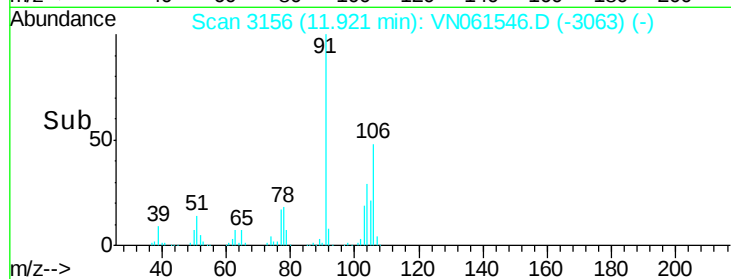
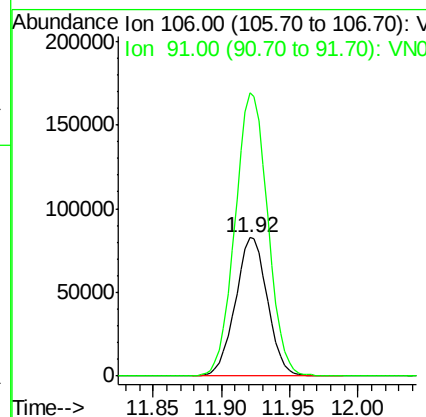
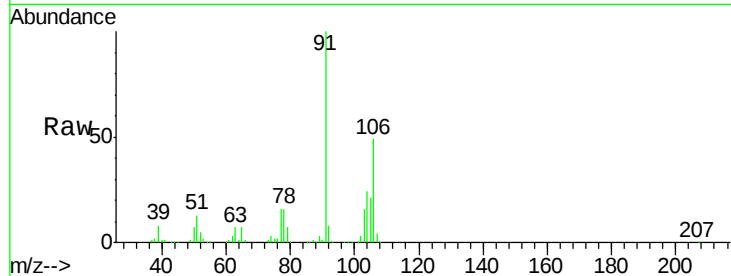
#69
o-Xylene
Concen: 18.441 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	135541		
91	91	208.0	103.3	309.8	

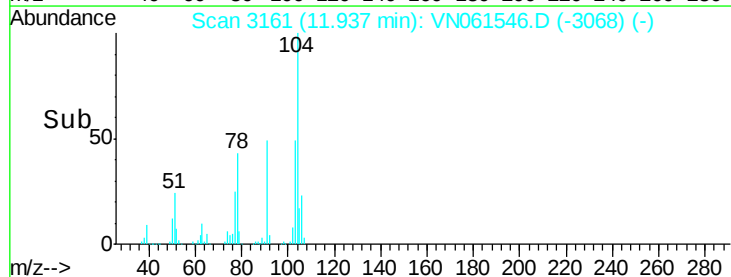
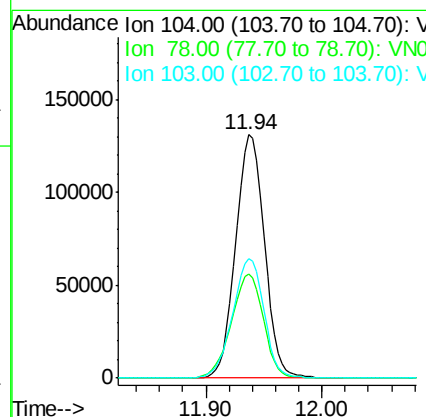
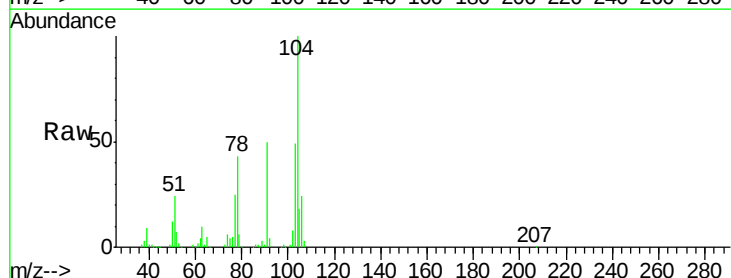
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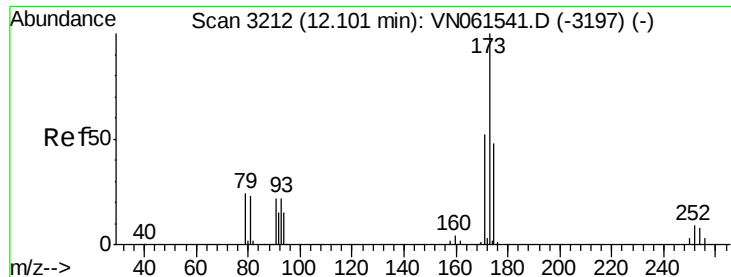
MMDadoda
5/29/2020 5:50:22 PM



#70
Styrene
Concen: 18.517 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	225381		
78	78	47.7	37.4	56.0	
103	103	53.3	42.3	63.5	





#71

Bromoform

Concen: 17.434 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

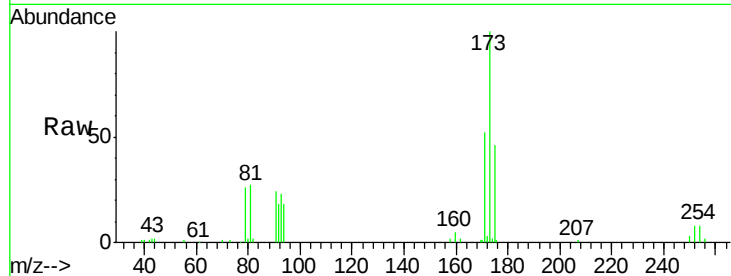
ClientSampleId :

VN0528WBS01

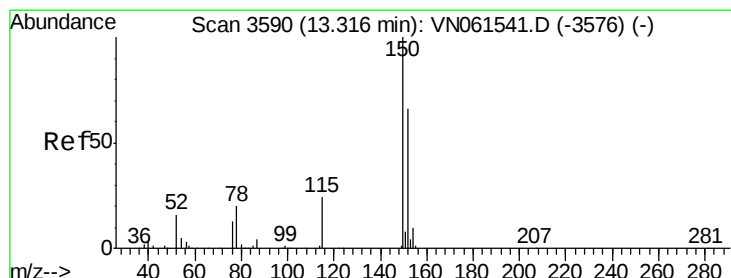
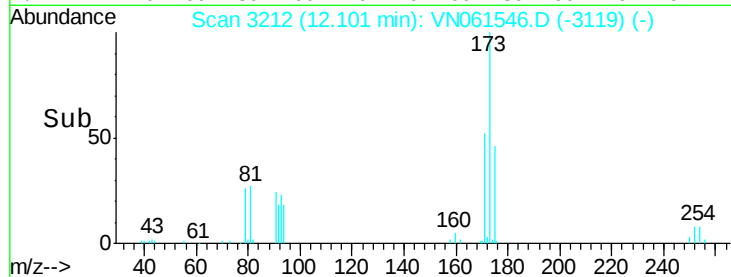
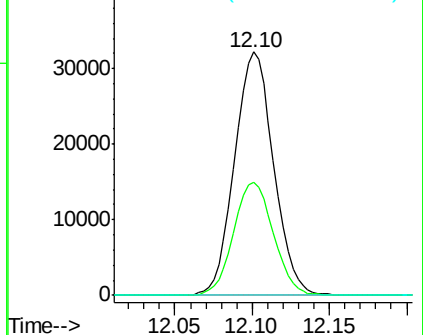
Tot Ion:	173	Resp:	56483
Ion Ratio	Lower	Upper	
173	100		
175	47.2	24.4	73.2
254	0.0	0.0	0.0

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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

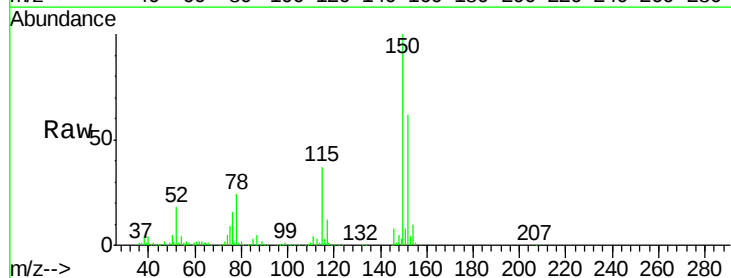
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

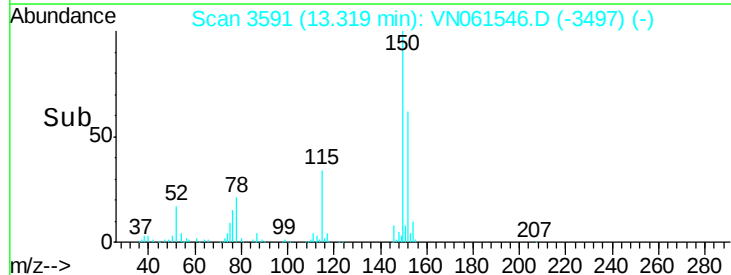
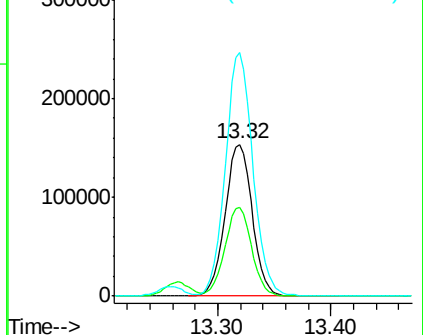
Lab File: VN061546.D

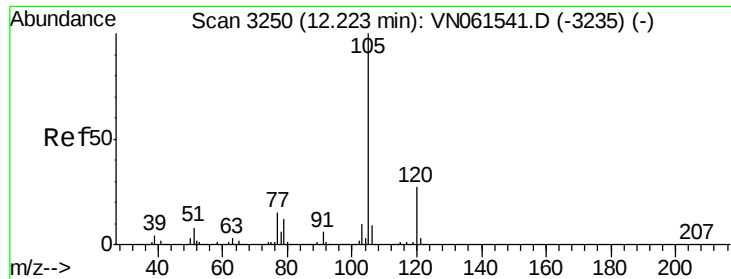
Acq: 28 May 2020 22:03

Tgt Ion:	152	Resp:	256083
Ion Ratio	Lower	Upper	
152	100		
115	57.8	28.0	84.0
150	163.0	0.0	344.0



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





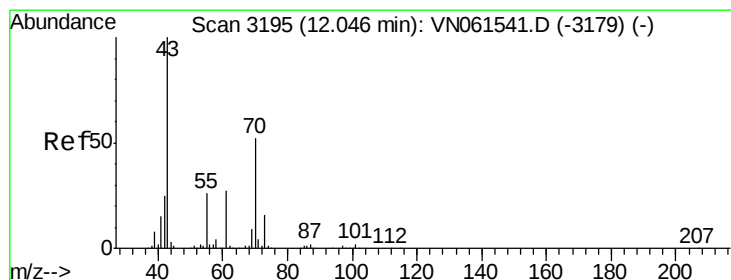
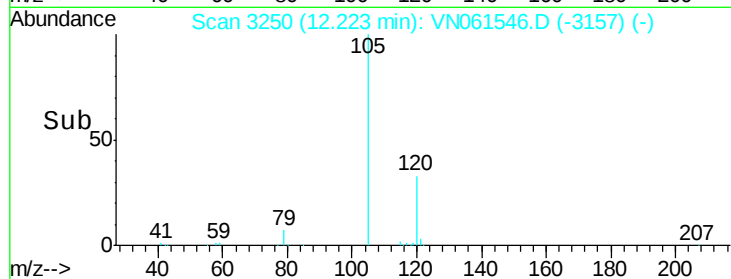
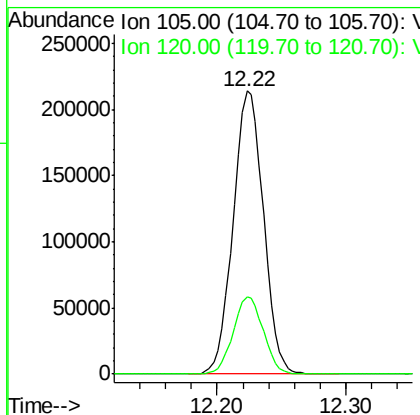
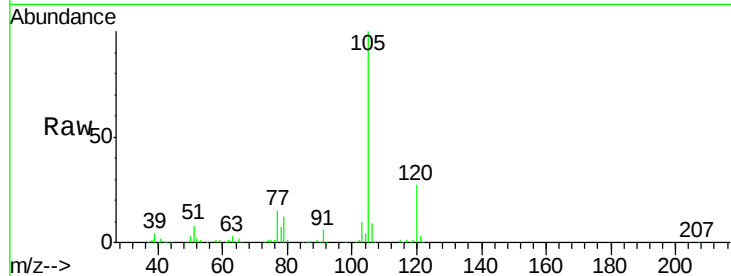
#73
Isopropylbenzene
Concen: 18.647 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	348530		
120	27.2	13.8	41.3	

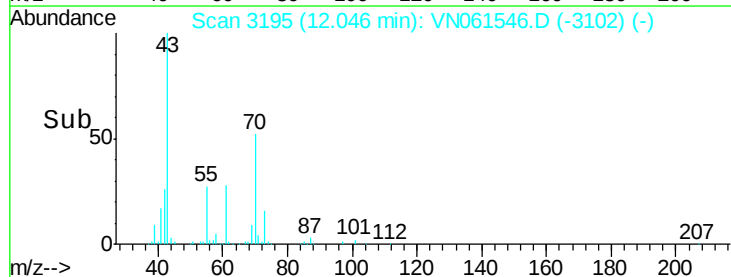
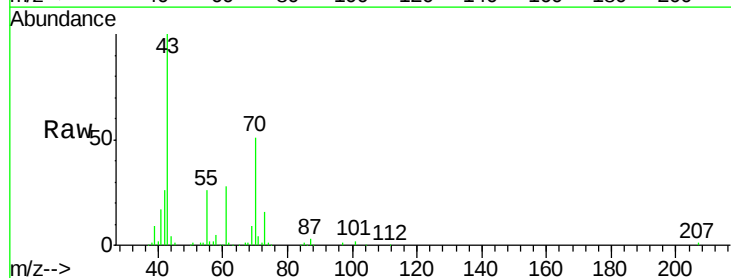
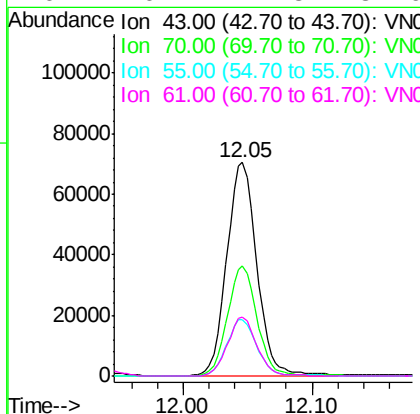
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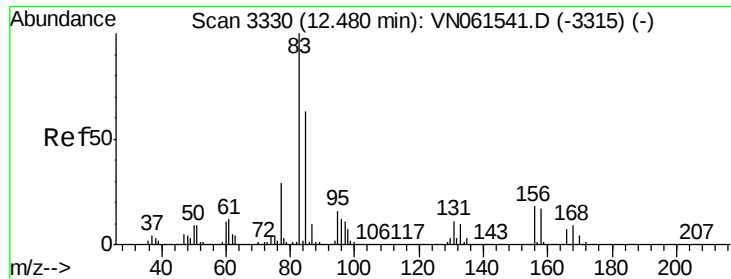
MMDadoda
5/29/2020 5:50:22 PM



#74
N-ethyl acetate
Concen: 19.447 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	114465		
70	50.4	40.5	60.7	
55	26.4	20.6	31.0	
61	26.7	21.8	32.6	





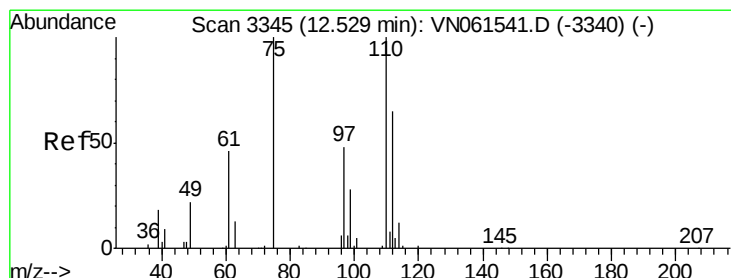
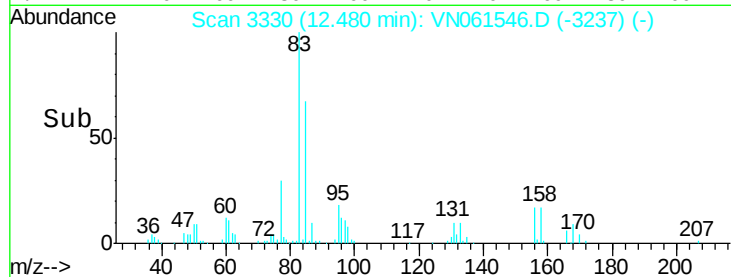
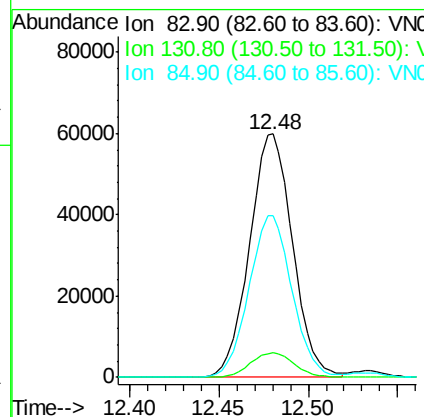
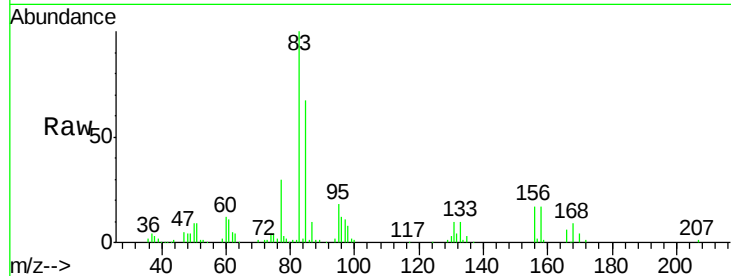
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.323 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	101209		
131	10.4	5.5	16.5	
85	66.1	32.1	96.3	

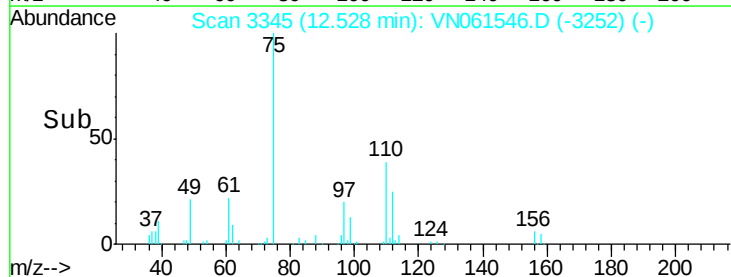
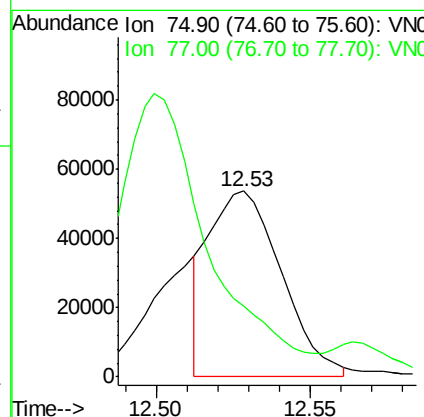
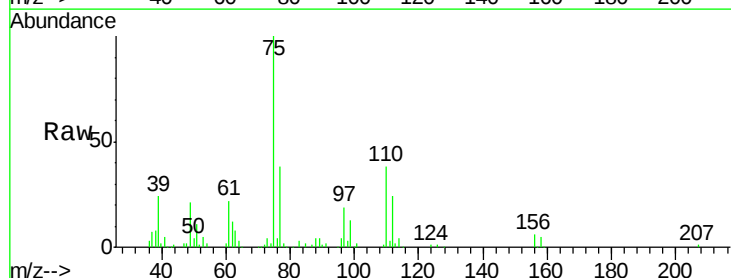
Manual Integrations
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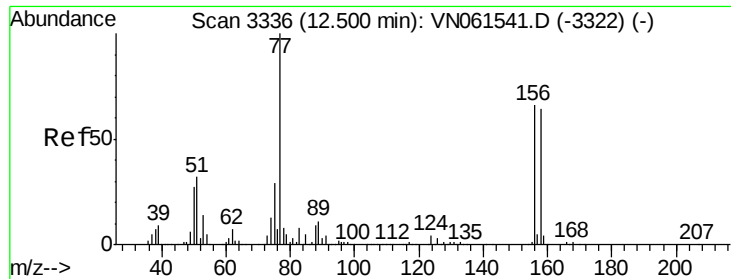
MMDadoda
 5/29/2020 5:50:22 PM



#76
 1,2,3-Trichloropropane
 Concen: 18.788 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	87490		
77	0.0	0.0	0.0	





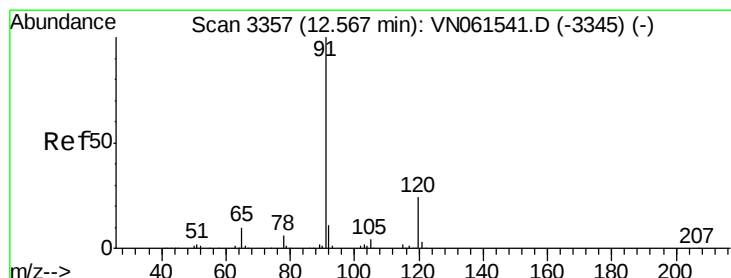
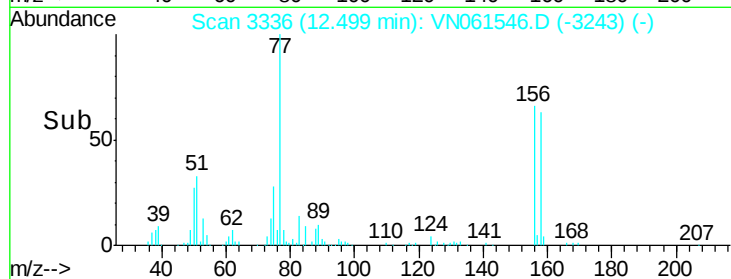
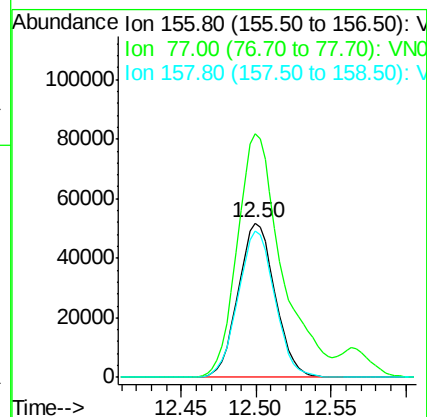
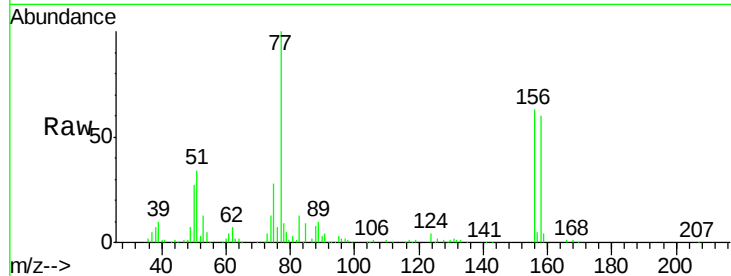
#77
Bromobenzene
Concen: 18.632 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	190.7	90.9	272.7
158	94.5	48.4	145.3

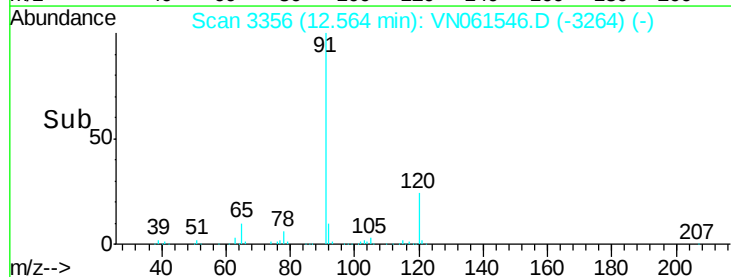
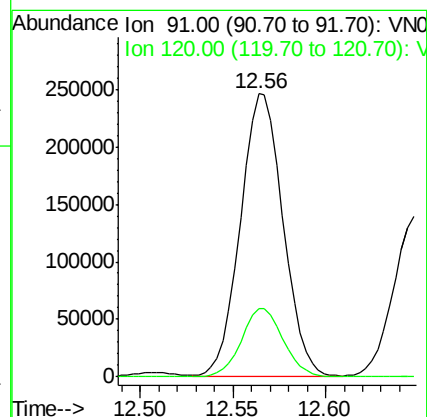
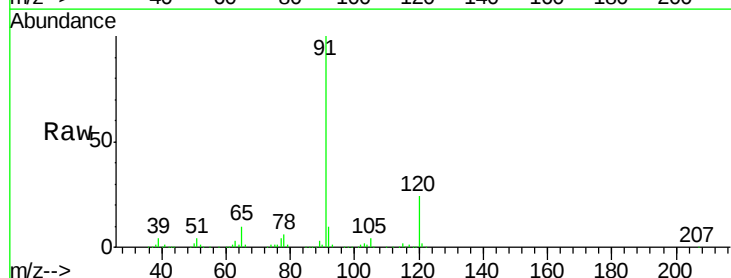
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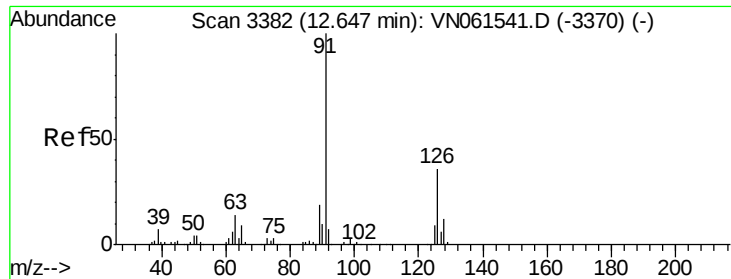
MMDadoda
5/29/2020 5:50:22 PM



#78
n-propylbenzene
Concen: 18.654 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.3	36.9





#79

2-Chlorotoluene

Concen: 18.806 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion: 91 Resp: 233988

Ion Ratio Lower Upper

91 100

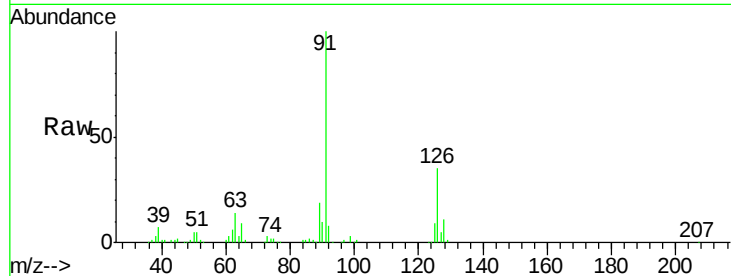
126 35.3 17.9 53.7

Manual Integrations

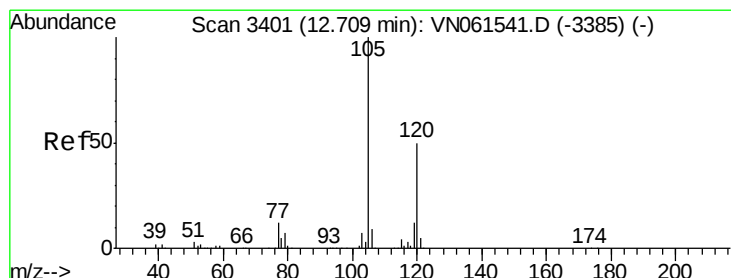
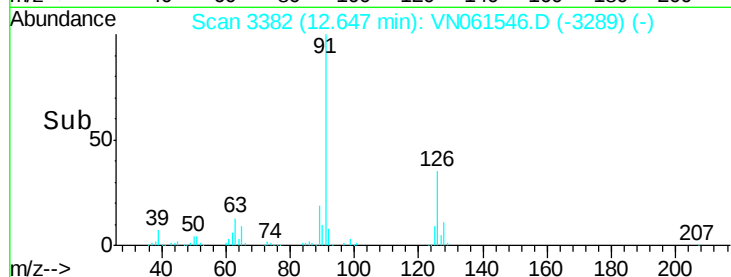
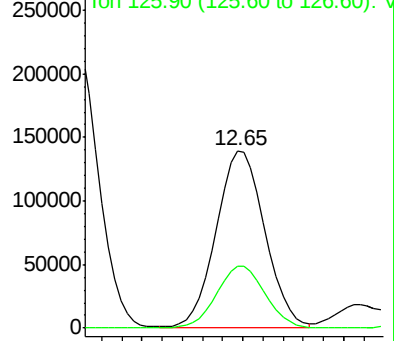
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Abundance Ion 91.00 (90.70 to 91.70): VN061546.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.834 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061546.D

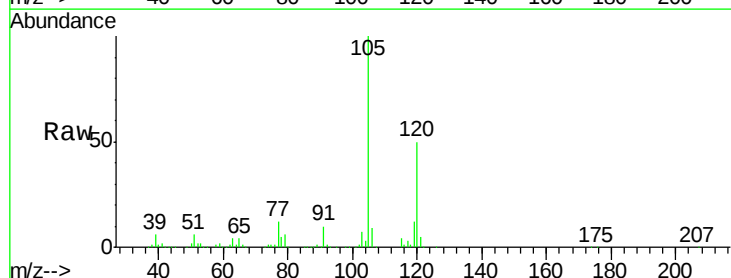
Acq: 28 May 2020 22:03

Tgt Ion: 105 Resp: 294221

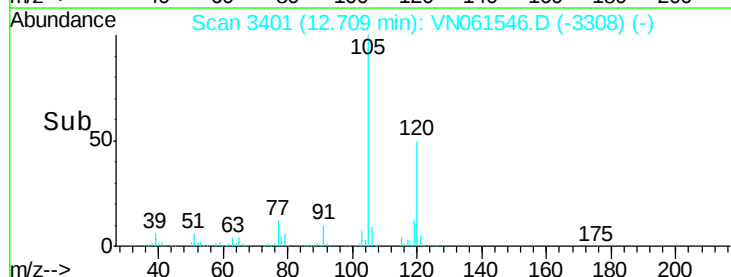
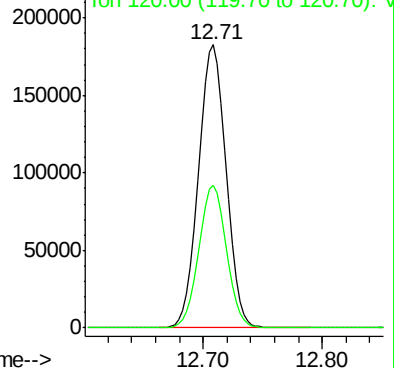
Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061546.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.765 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

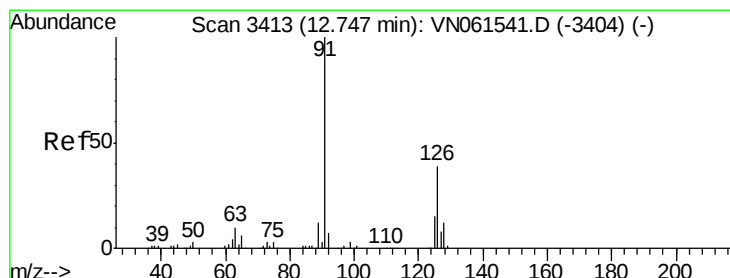
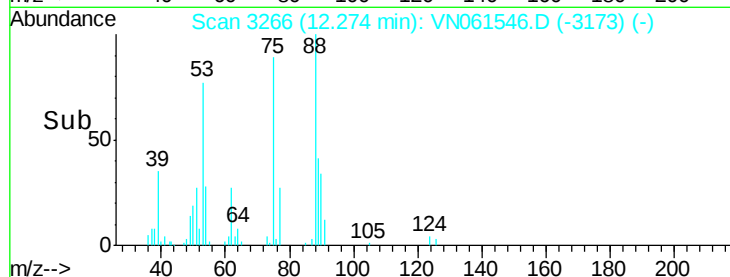
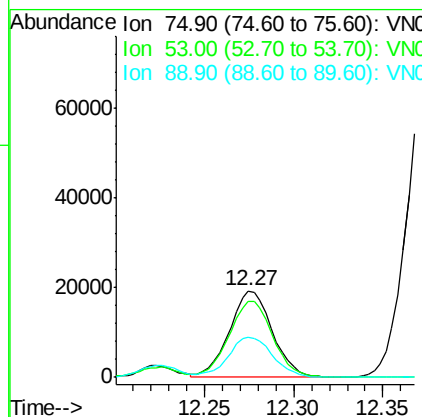
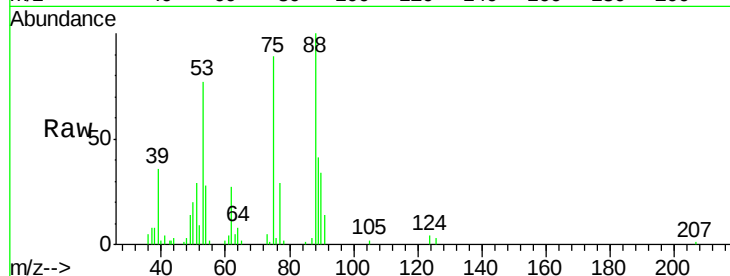
ClientSampleId :

VN0528WBS01

Tot Ion:	75	Resp:	32348
Ion	Ratio	Lower	Upper
75	100		
53	90.2	67.8	101.8
89	47.6	37.1	55.7

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5/29/2020 5:50:22 PM



#82

4-Chlorotoluene

Concen: 18.698 ug/l

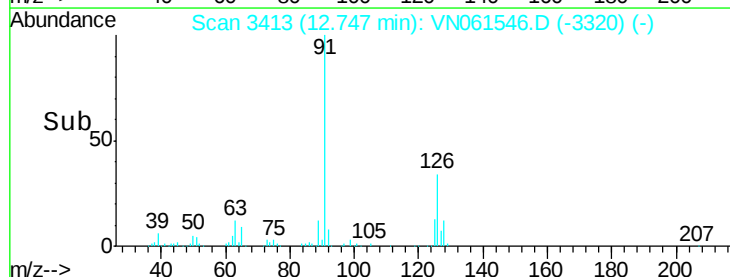
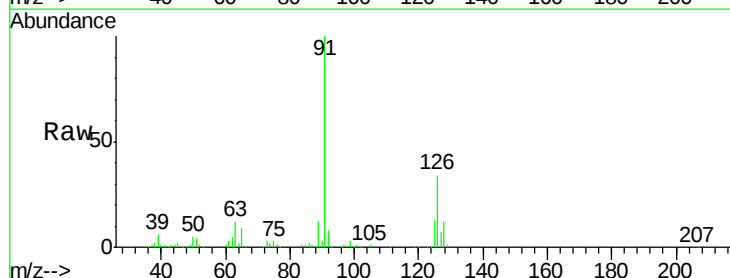
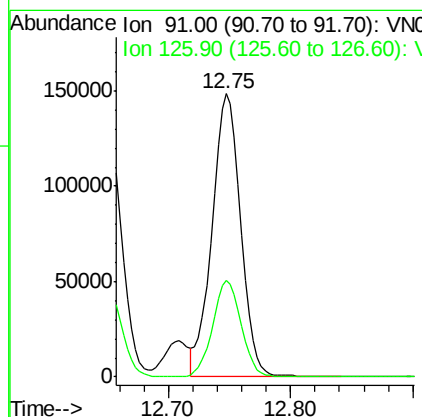
RT: 12.75 min Scan# 3413

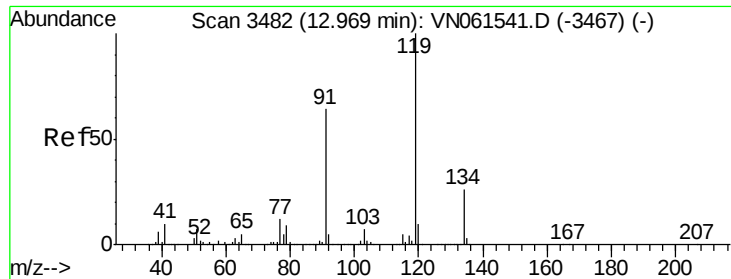
Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion:	91	Resp:	244741
Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.5	52.6





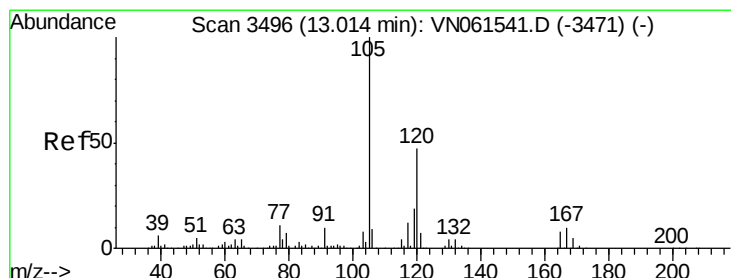
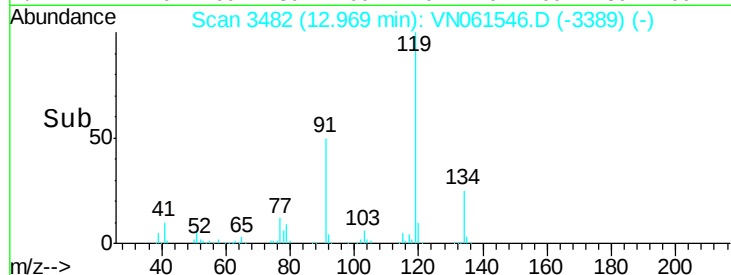
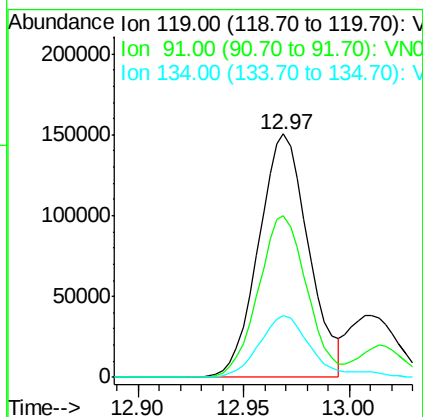
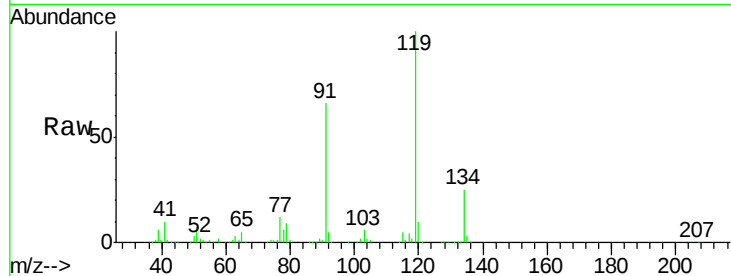
#83
 tert-Butylbenzene
 Concen: 17.928 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	247461		
91	65.2	31.3	93.8	
134	26.8	13.5	40.4	

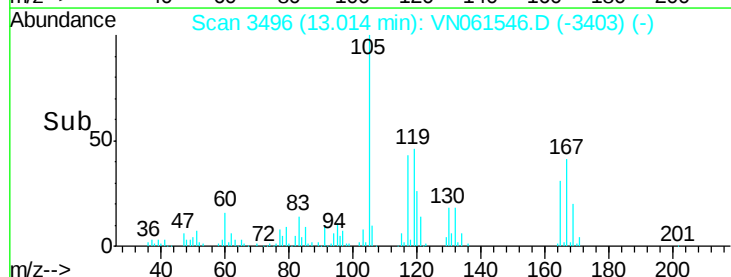
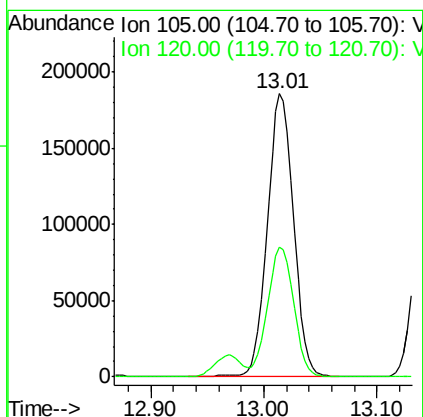
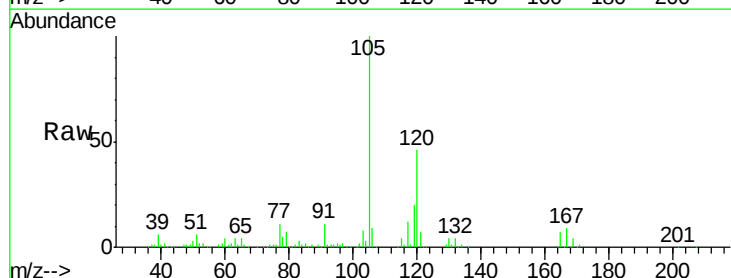
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 5/29/2020 5:50:22 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.183 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	297705		
120	46.3	23.2	69.5	





#85

sec-Butylbenzene

Concen: 18.225 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

Tot Ion:105 Resp: 324145

Ion Ratio Lower Upper

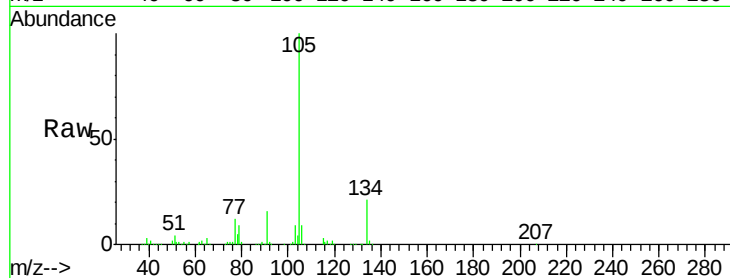
105 100

134 20.9 10.7 31.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

200000

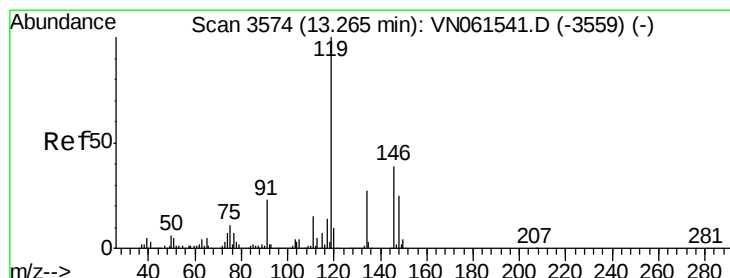
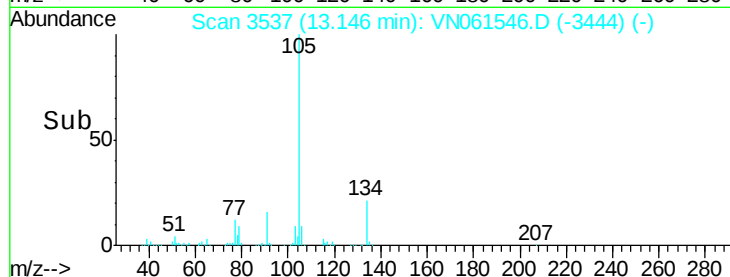
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.399 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

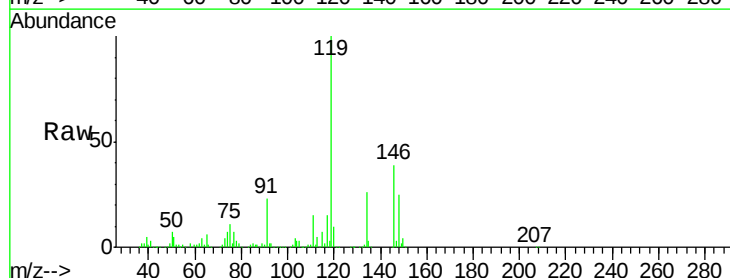
Tgt Ion:119 Resp: 301370

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 23.1 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

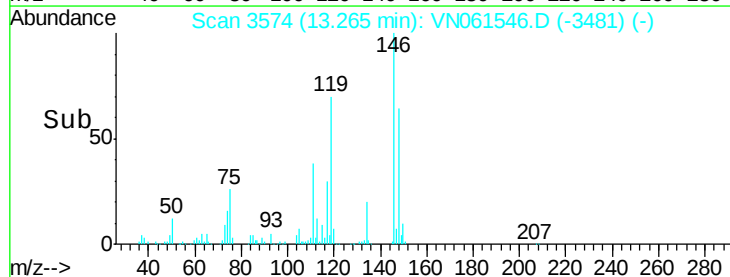
150000

100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.328 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

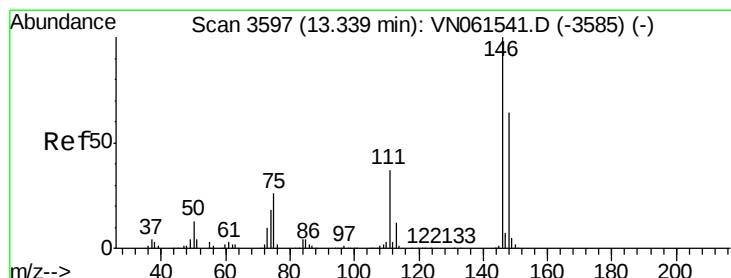
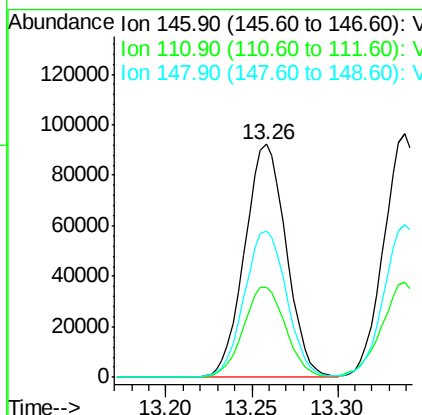
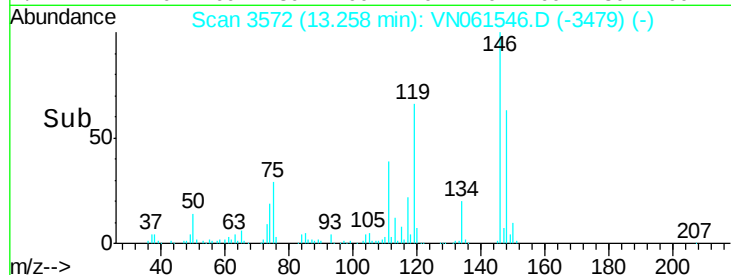
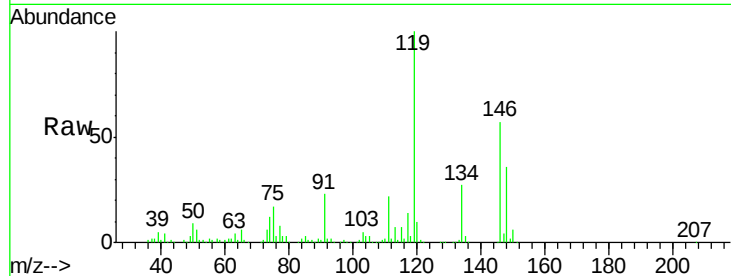
ClientSampleId :

VN0528WBS01

Tot Ion:	146	Resp:	154845
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.2	57.6
148	63.7	31.7	95.1

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#88

1,4-Dichlorobenzene

Concen: 18.070 ug/l

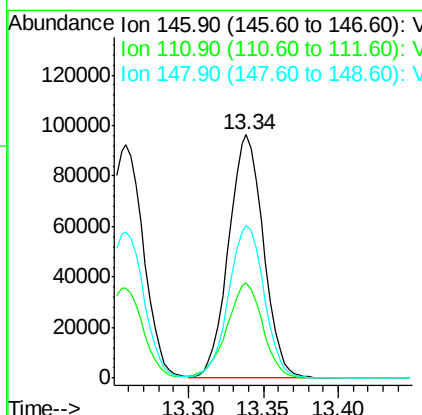
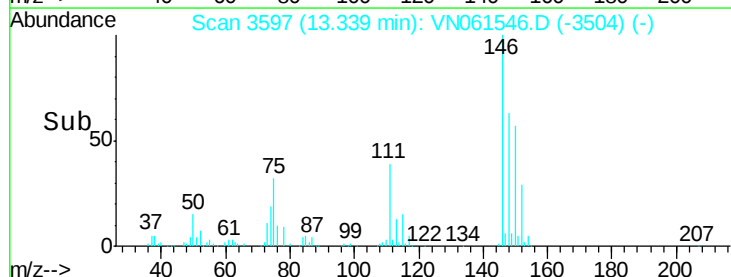
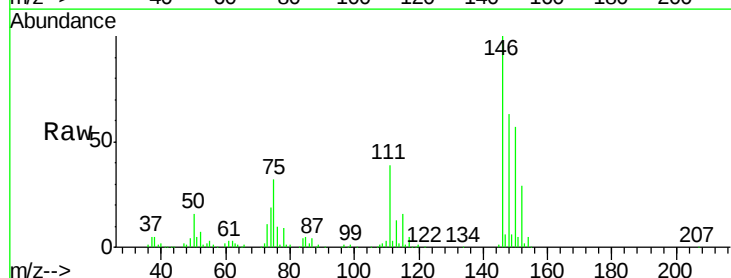
RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion:	146	Resp:	155523
Ion Ratio	Lower	Upper	
146	100		
111	40.4	18.9	56.9
148	64.4	31.8	95.3





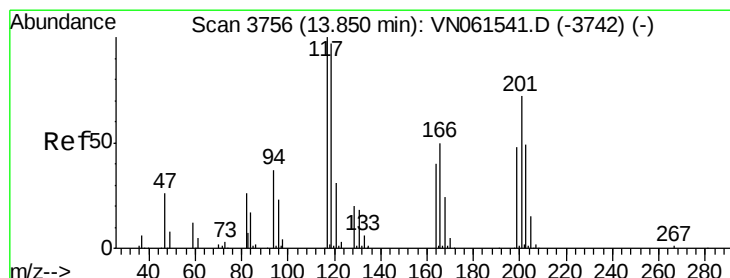
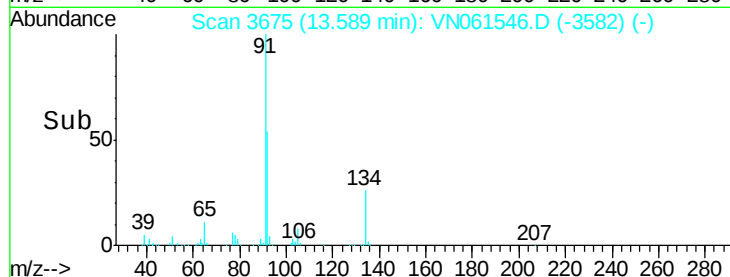
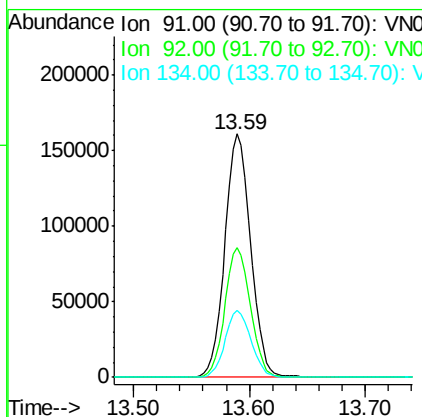
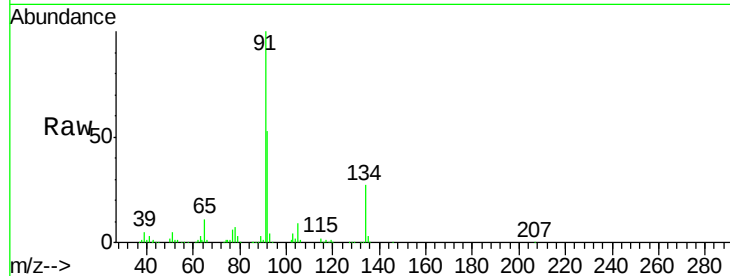
#89
n-Butylbenzene
Concen: 18.150 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.2	81.6
134	27.7	14.0	42.0

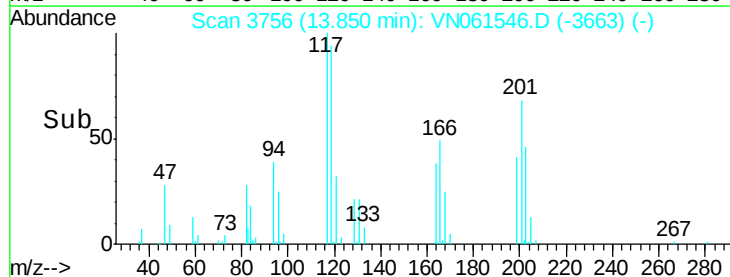
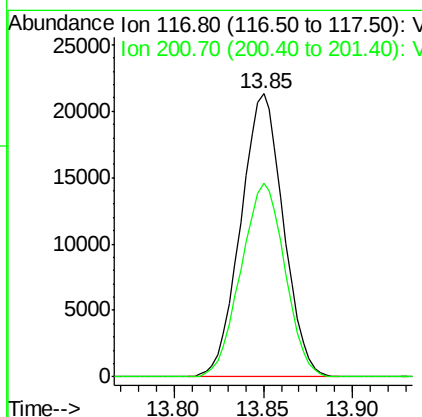
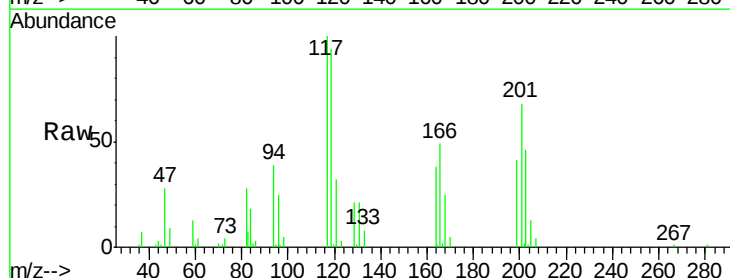
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#90
Hexachloroethane
Concen: 19.662 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.4	36.7	110.1





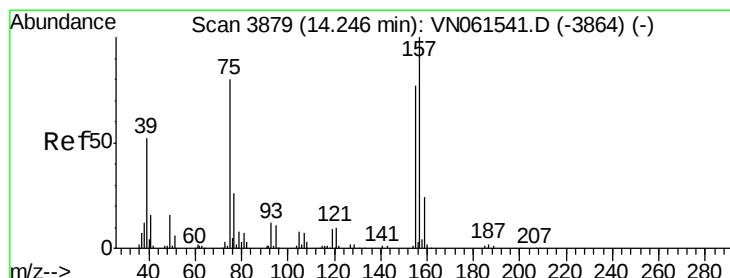
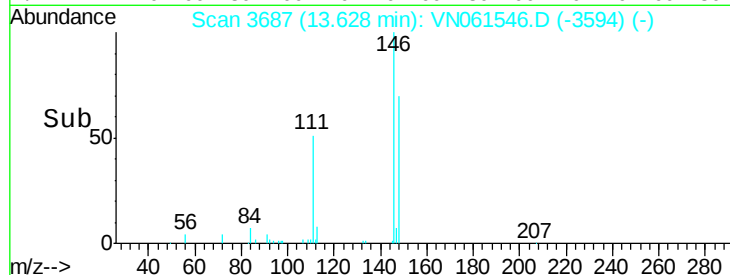
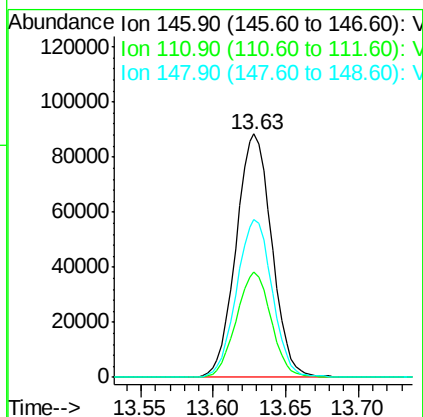
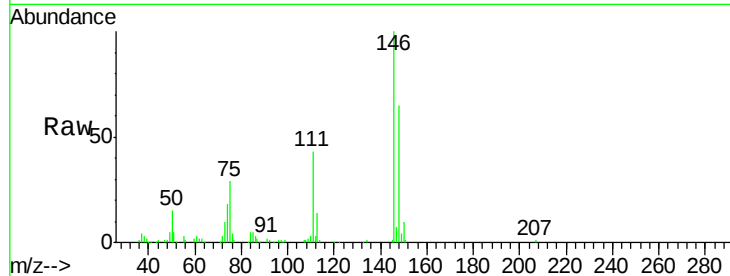
#91
 1,2-Dichlorobenzene
 Concen: 18.768 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Tot Ion:	146	Resp:	151531
Ion Ratio	Lower	Upper	
146	100		
111	42.2	20.1	60.2
148	64.8	31.9	95.5

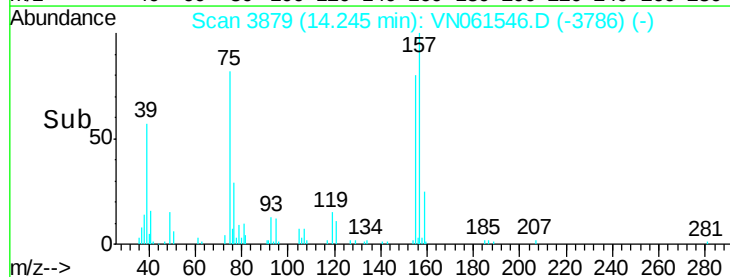
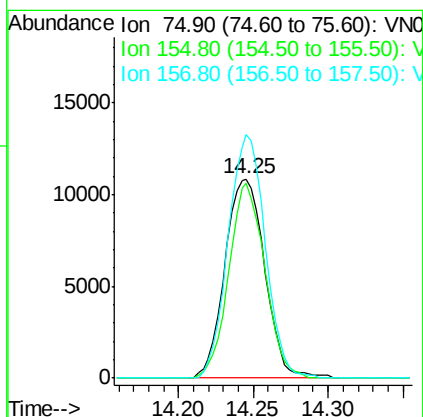
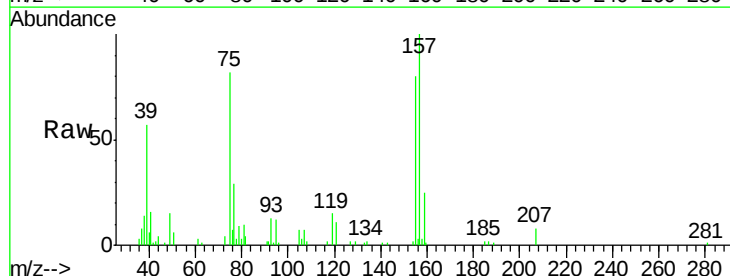
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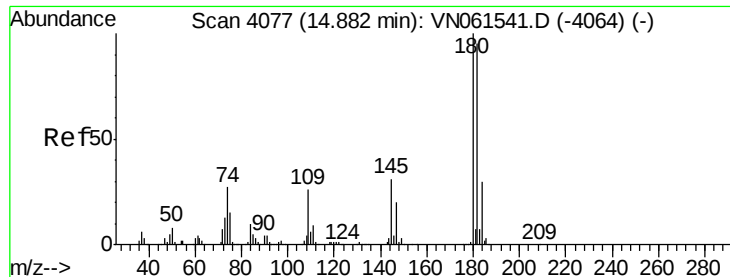
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.822 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion:	75	Resp:	20106
Ion Ratio	Lower	Upper	
75	100		
155	88.6	47.1	141.4
157	113.6	60.3	180.8





#93

1,2,4-Trichlorobenzene

Concen: 18.213 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

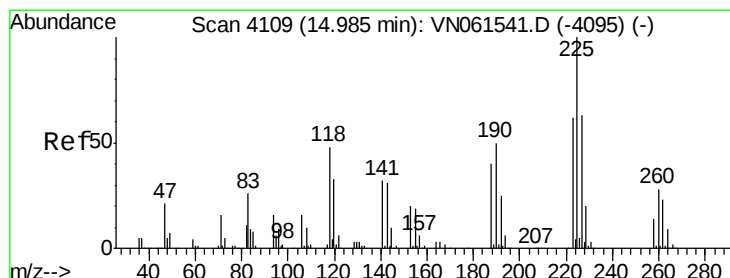
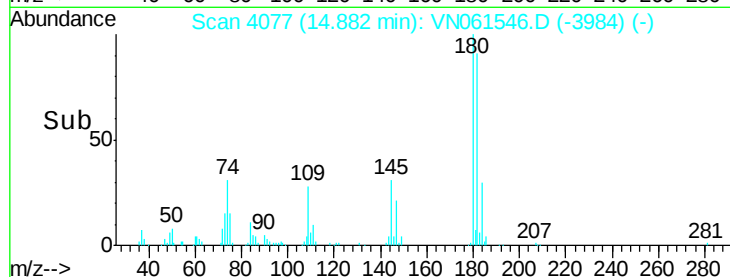
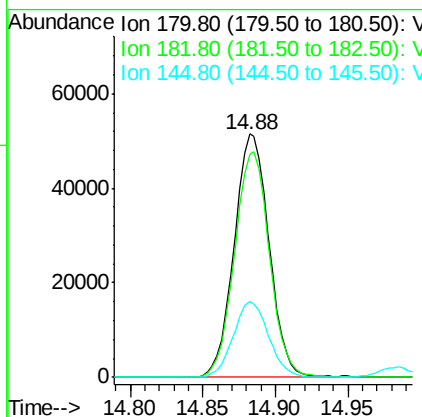
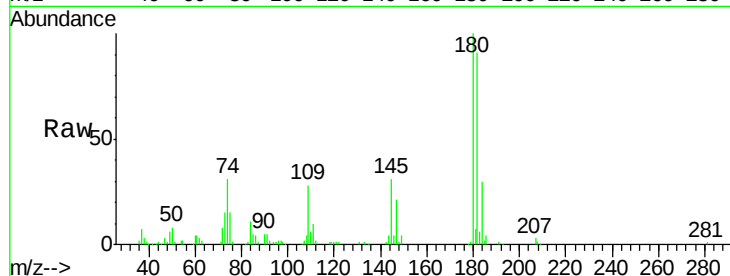
ClientSampleId :

VN0528WBS01

Tot Ion:	180	Resp:	86001
Ion Ratio	Lower	Upper	
180	100		
182	92.9	47.8	143.3
145	31.5	15.5	46.5

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#94

Hexachlorobutadiene

Concen: 16.675 ug/l

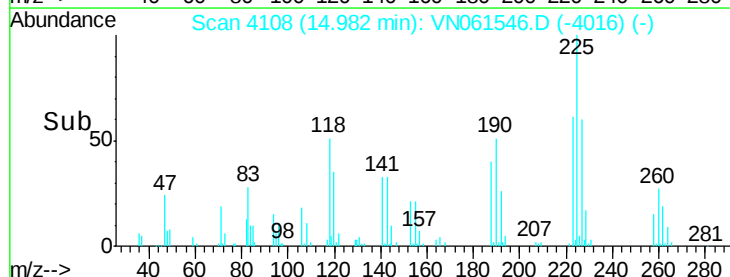
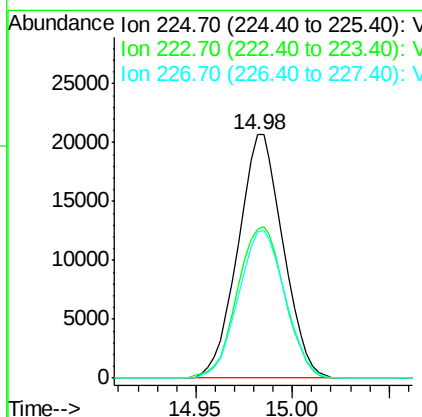
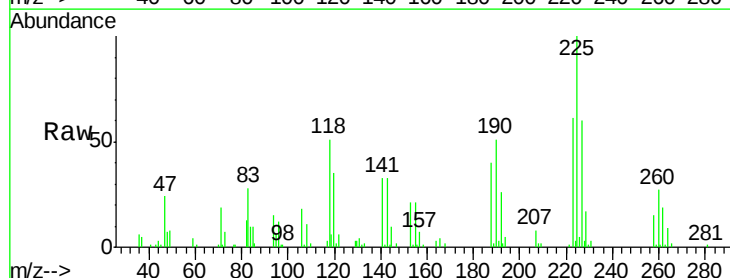
RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion:	225	Resp:	33580
Ion Ratio	Lower	Upper	
225	100		
223	64.9	31.9	95.5
227	62.7	31.9	95.9





#95

Naphthalene

Concen: 19.196 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

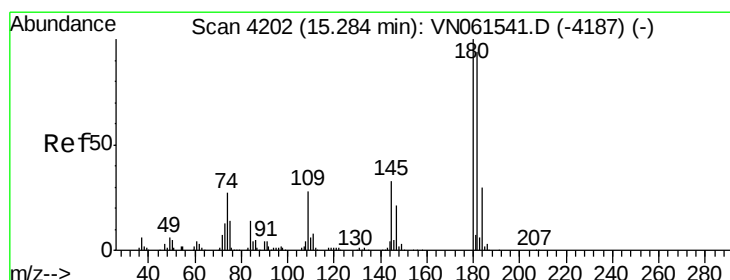
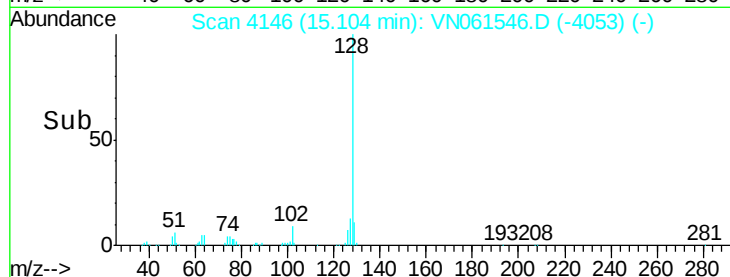
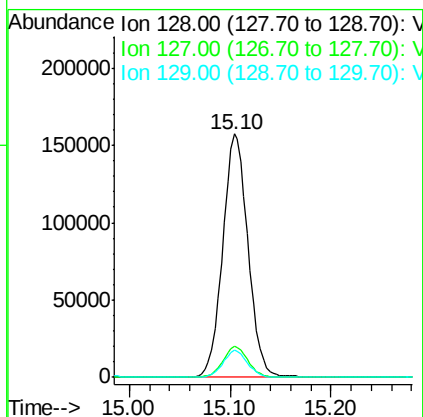
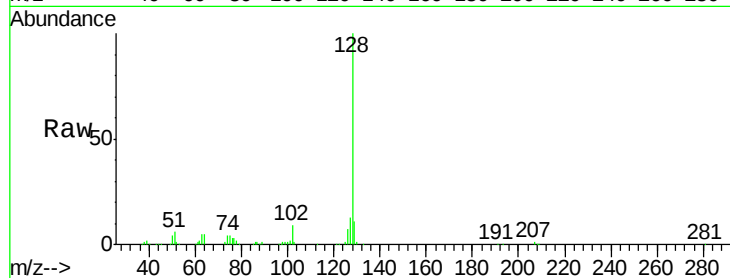
ClientSampleId :

VN0528WBS01

Tot Ion:	128	Resp:	275894
Ion Ratio		Lower	Upper
128	100		
127	12.5	10.0	15.0
129	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
5/29/2020 5:50:22 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.275 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion:	180	Resp:	84843
Ion Ratio		Lower	Upper
180	100		
182	94.6	47.1	141.3
145	35.3	16.3	48.9

