

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061006.D
 Acq On : 16 Apr 2020 12:18
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:53:06 AM

Quant Time: Apr 16 12:56:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	172444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	288848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124549	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	104892	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
35) Dibromofluoromethane	7.56	113	81229	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	
50) Toluene-d8	10.08	98	300124	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	
62) 4-Bromofluorobenzene	12.39	95	118575	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	117159	66.226	ug/l	100
3) Chloromethane	2.04	50	156921	50.250	ug/l	100
4) Vinyl Chloride	2.17	62	129302	52.553	ug/l	100
5) Bromomethane	2.54	94	63757	58.130	ug/l	100
6) Chloroethane	2.69	64	76603	54.038	ug/l	100
7) Trichlorofluoromethane	3.00	101	162963	53.587	ug/l	100
8) Diethyl Ether	3.38	74	64258	52.833	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91843	52.416	ug/l	100
10) Methyl Iodide	3.93	142	81138	51.494	ug/l	100
11) Tert butyl alcohol	4.72	59	96113	269.481	ug/l	100
12) 1,1-Dichloroethene	3.71	96	94493	50.476	ug/l	100
13) Acrolein	3.57	56	78005	210.006	ug/l	100
14) Allyl chloride	4.29	41	173740	52.151	ug/l	100
15) Acrylonitrile	4.94	53	275253	266.291	ug/l	100
16) Acetone	3.78	43	256818	294.961	ug/l	100
17) Carbon Disulfide	4.03	76	292151	51.174	ug/l	100
18) Methyl Acetate	4.28	43	157719	63.482	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	328684	50.901	ug/l	100
20) Methylene Chloride	4.52	84	106113	51.235	ug/l	100
21) trans-1,2-Dichloroethene	5.00	96	100575	50.416	ug/l	100
22) Diisopropyl ether	5.91	45	373379	53.315	ug/l	100
23) Vinyl Acetate	5.86	43	1485725	261.469	ug/l	100
24) 1,1-Dichloroethane	5.81	63	200853	52.631	ug/l	100
25) 2-Butanone	6.79	43	385218	278.225	ug/l	100
26) 2,2-Dichloropropane	6.79	77	169122	55.459	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	116021	51.038	ug/l	100
28) Bromochloromethane	7.17	49	94051	51.780	ug/l	100
29) Tetrahydrofuran	7.17	42	256577	264.193	ug/l	100
30) Chloroform	7.34	83	187928	51.510	ug/l	100
31) Cyclohexane	7.63	56	196736	50.889	ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	162110	51.741	ug/l	100
36) 1,1-Dichloropropene	7.77	75	149988	53.205	ug/l	100
37) Ethyl Acetate	6.89	43	160831	52.532	ug/l	100
38) Carbon Tetrachloride	7.75	117	131254	52.274	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061006.D
 Acq On : 16 Apr 2020 12:18
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:53:06 AM

Quant Time: Apr 16 12:56:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	181910	54.088	ug/l	100
40) Benzene	8.02	78	442447	52.050	ug/l	100
41) Methacrylonitrile	7.14	41	70511m	53.906	ug/l	
42) 1,2-Dichloroethane	8.10	62	152124	52.308	ug/l	100
43) Isopropyl Acetate	8.14	43	266948	53.020	ug/l	100
44) Trichloroethene	8.81	130	109804	51.487	ug/l	100
45) 1,2-Dichloropropane	9.10	63	118854	52.888	ug/l	100
46) Dibromomethane	9.19	93	71057	52.554	ug/l	100
47) Bromodichloromethane	9.38	83	149010	52.844	ug/l	100
48) Methyl methacrylate	9.18	41	121129	53.915	ug/l	100
49) 1,4-Dioxane	9.17	88	32172	1189.157	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	787459	274.362	ug/l	100
52) Toluene	10.14	92	269106	52.473	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	174614	53.873	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	189236	53.094	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	102992	52.206	ug/l	100
56) Ethyl methacrylate	10.42	69	169153	54.929	ug/l	100
57) 1,3-Dichloropropane	10.70	76	181650	52.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	328077	223.312	ug/l	100
59) 2-Hexanone	10.74	43	574289	277.864	ug/l	100
60) Dibromochloromethane	10.89	129	107090	52.727	ug/l	100
61) 1,2-Dibromoethane	10.99	107	104343	52.773	ug/l	100
64) Tetrachloroethene	10.62	164	100675	48.534	ug/l	100
65) Chlorobenzene	11.42	112	272399	51.563	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	98059	51.343	ug/l	100
67) Ethyl Benzene	11.50	91	517069	52.627	ug/l	100
68) m/p-Xylenes	11.61	106	374634	103.023	ug/l	100
69) o-Xylene	11.94	106	179504	51.722	ug/l	100
70) Styrene	11.96	104	301336	53.031	ug/l	100
71) Bromoform	12.12	173	77156	54.206	ug/l	# 100
73) Isopropylbenzene	12.24	105	485382	51.633	ug/l	100
74) N-amyl acetate	12.06	43	231817	53.146	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	150105	52.531	ug/l	100
76) 1,2,3-Trichloropropane	12.54	75	131471m	48.741	ug/l	
77) Bromobenzene	12.52	156	112646	49.919	ug/l	100
78) n-propylbenzene	12.58	91	585099	52.513	ug/l	100
79) 2-Chlorotoluene	12.67	91	336818	50.792	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	413281	51.765	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	55076	52.169	ug/l	100
82) 4-Chlorotoluene	12.77	91	351736	51.961	ug/l	100
83) tert-Butylbenzene	12.99	119	342962	51.811	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	410647	52.032	ug/l	100
85) sec-Butylbenzene	13.17	105	472152	52.917	ug/l	100
86) p-Isopropyltoluene	13.28	119	420553	52.466	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	205516	51.451	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	204579	51.050	ug/l	100
89) n-Butylbenzene	13.61	91	397093	54.599	ug/l	100
90) Hexachloroethane	13.87	117	64155	54.893	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	196301	51.545	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30809	48.121	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061006.D
Acq On : 16 Apr 2020 12:18
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:53:06 AM

Quant Time: Apr 16 12:56:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 16 12:43:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	122532	52.423	ug/l	100
94) Hexachlorobutadiene	15.00	225	60436	52.306	ug/l	100
95) Naphthalene	15.13	128	357783	51.157	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	117386	50.977	ug/l	100

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

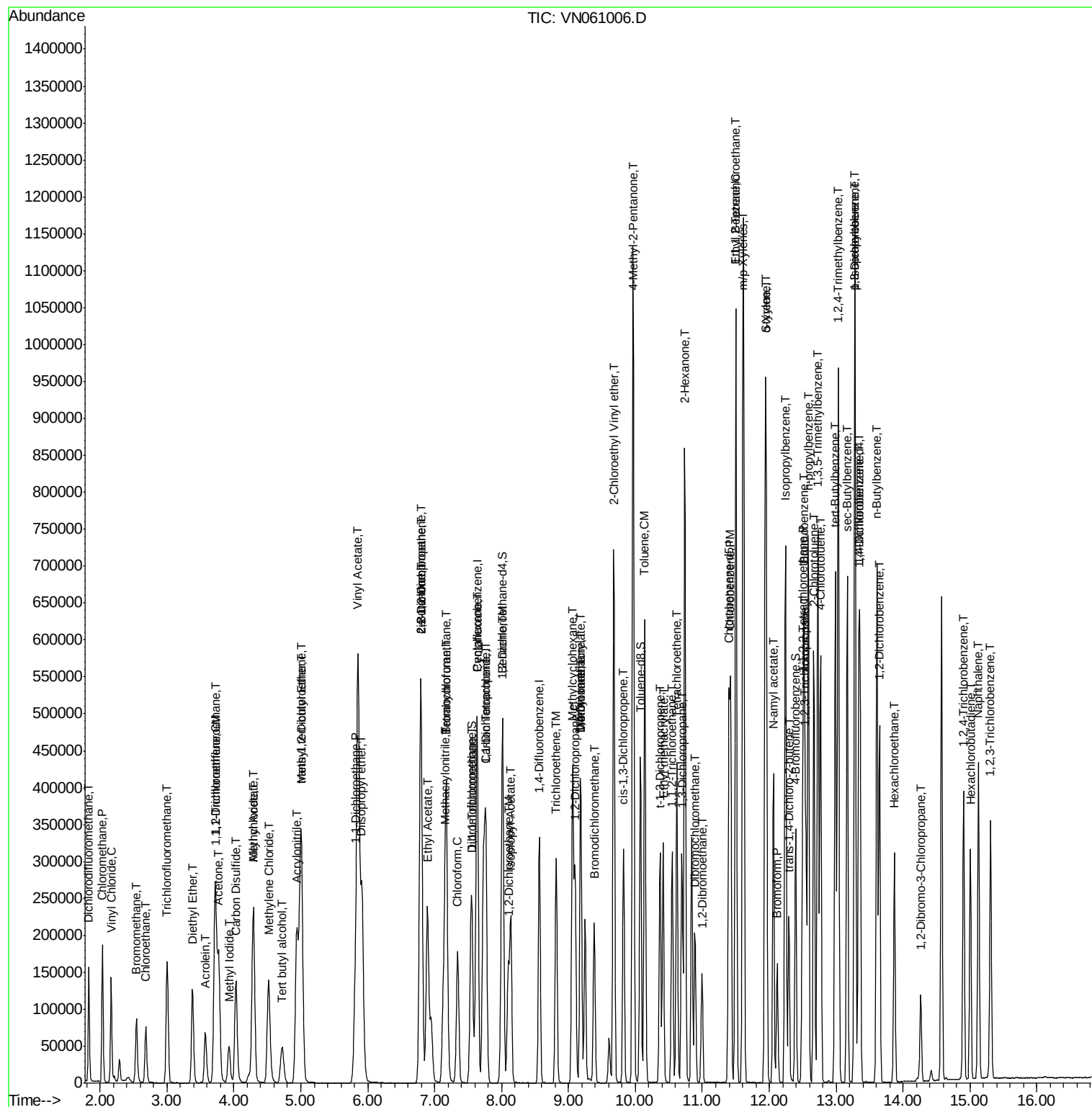
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061006.D
Acq On : 16 Apr 2020 12:18
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

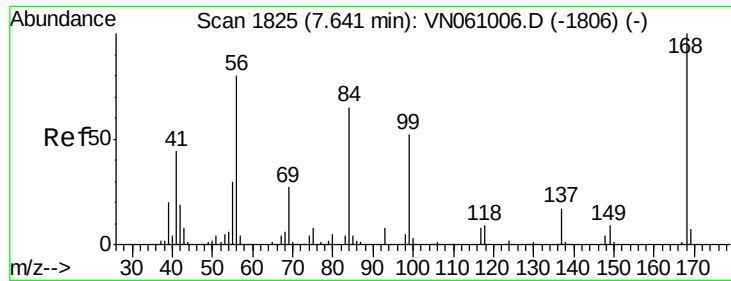
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:53:06 AM

Quant Time: Apr 16 12:56:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 16 12:43:37 2020
Response via : Initial Calibration





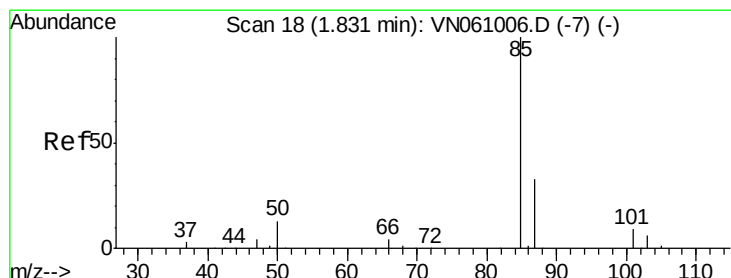
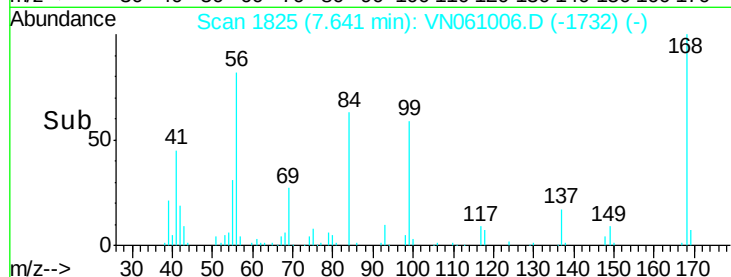
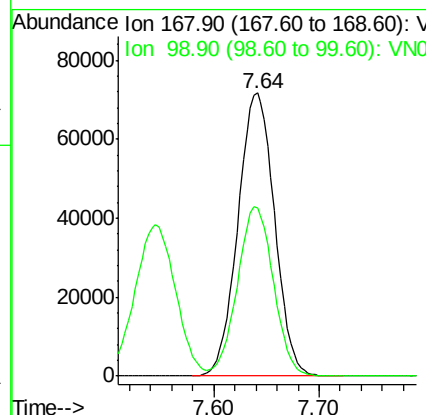
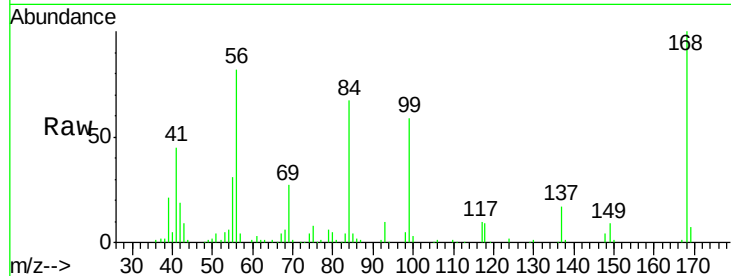
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:168 Resp: 172444
Ion Ratio Lower Upper
168 100
99 59.3 47.4 71.2

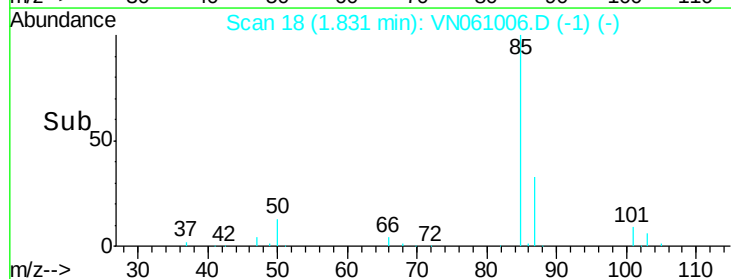
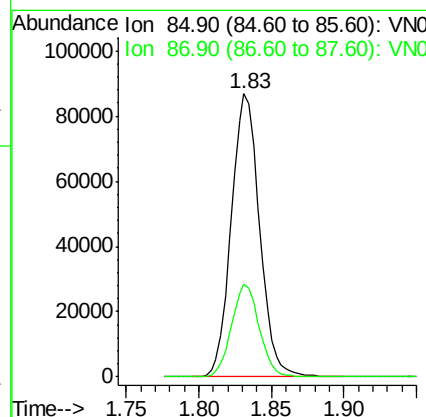
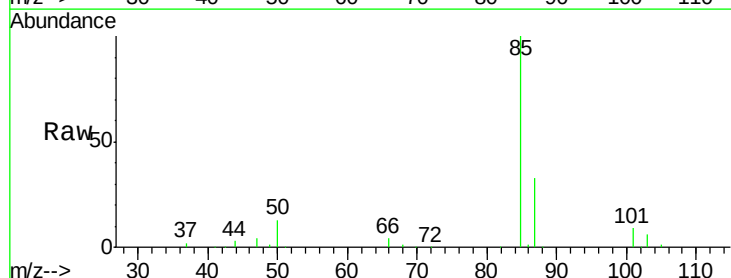
Manual Integrations
APPROVED

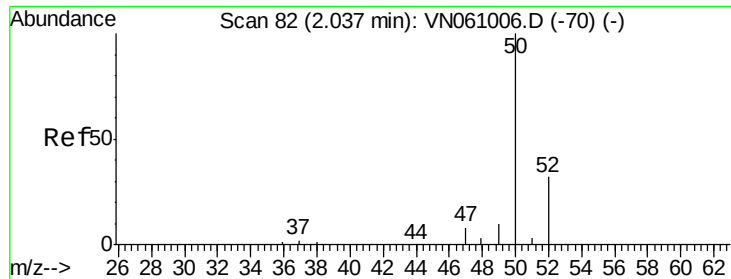
MMDadoda
4/17/2020 11:53:06 AM



#2
Dichlorodifluoromethane
Concen: 66.226 ug/l
RT: 1.83 min Scan# 18
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 85 Resp: 117159
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3

Chloromethane

Concen: 50.250 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 156921

Ion Ratio Lower Upper

50 100

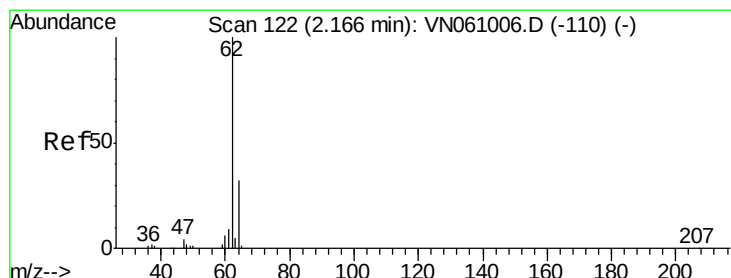
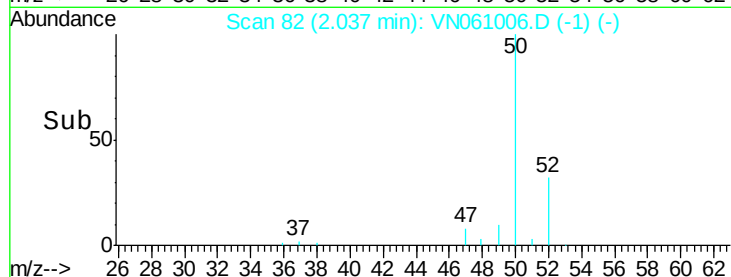
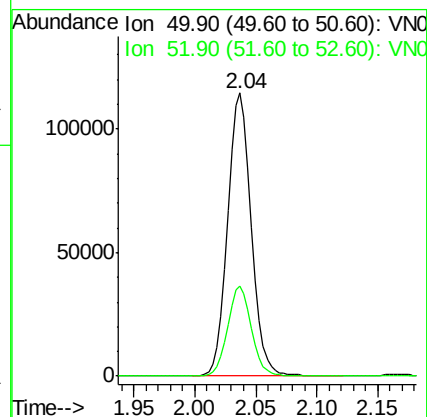
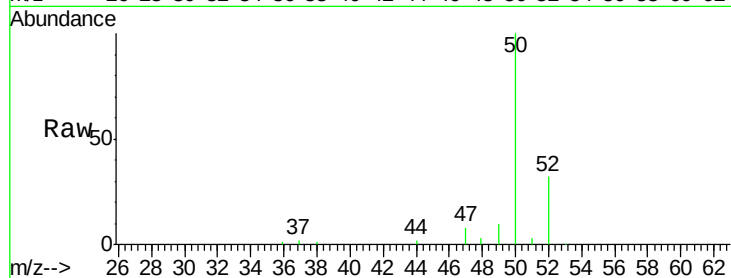
52 32.0 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

4/17/2020 11:53:06 AM



#4

Vinyl Chloride

Concen: 52.553 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN061006.D

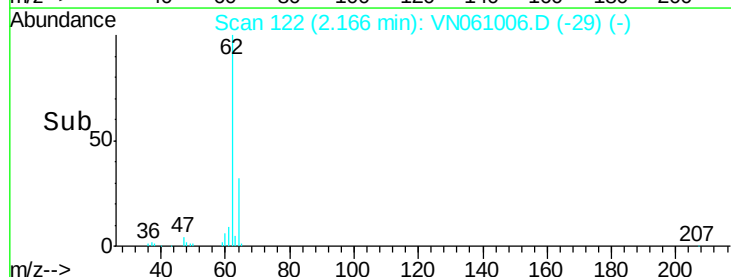
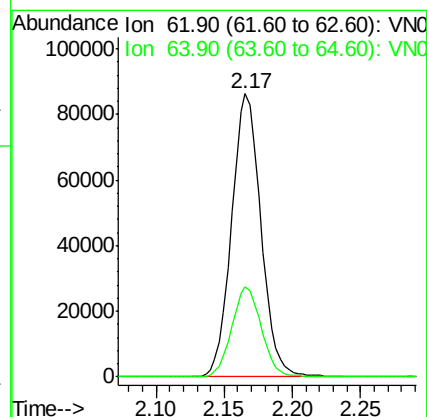
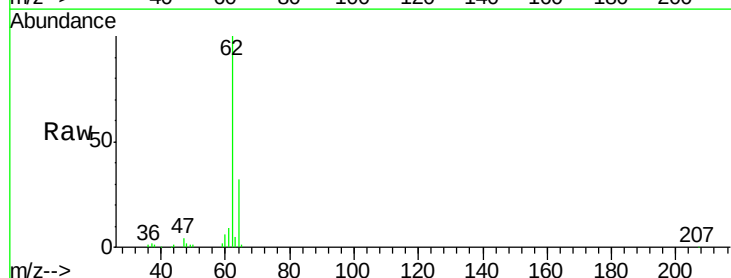
Acq: 16 Apr 2020 12:18

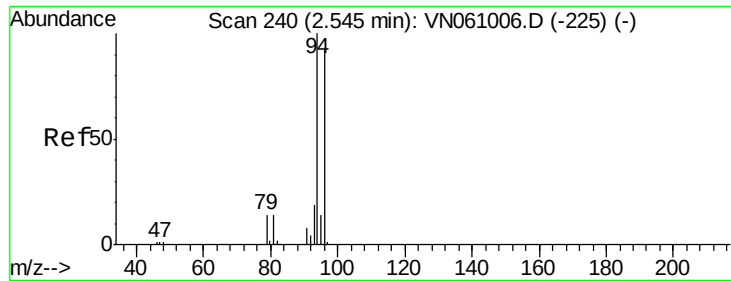
Tgt Ion: 62 Resp: 129302

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 58.130 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 63757

Ion Ratio Lower Upper

94 100

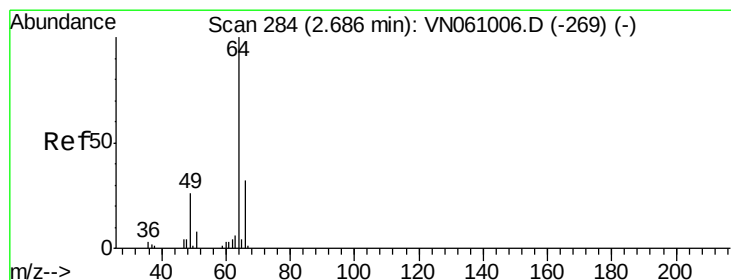
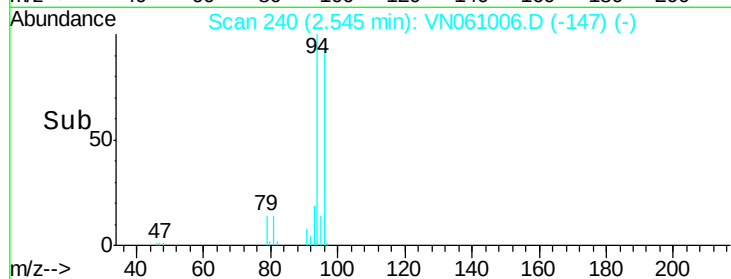
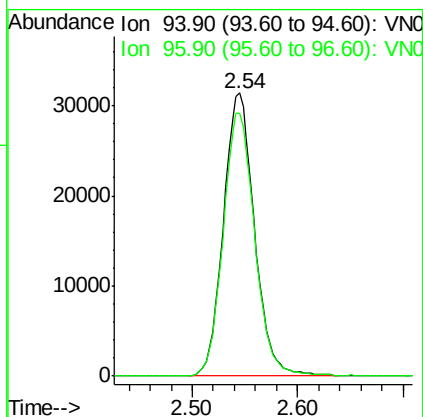
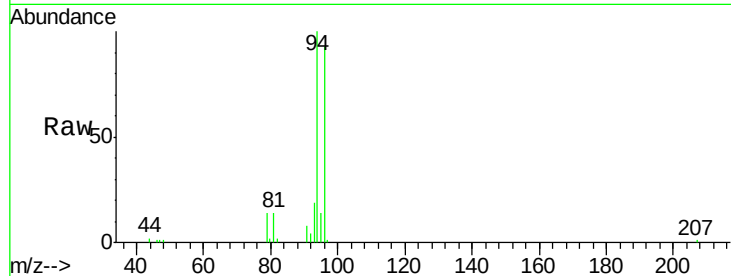
96 92.9 74.3 111.5

Manual Integrations

APPROVED

MMDadoda

4/17/2020 11:53:06 AM



#6

Chloroethane

Concen: 54.038 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN061006.D

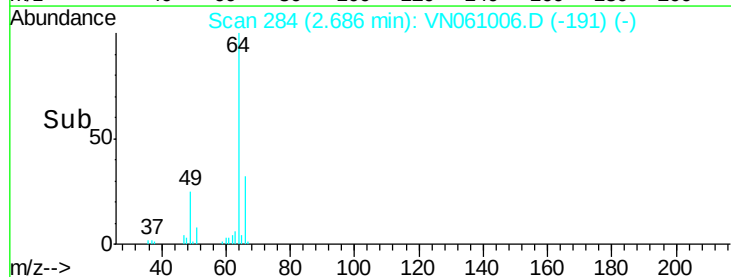
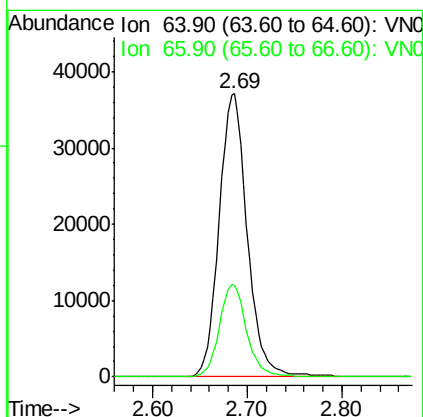
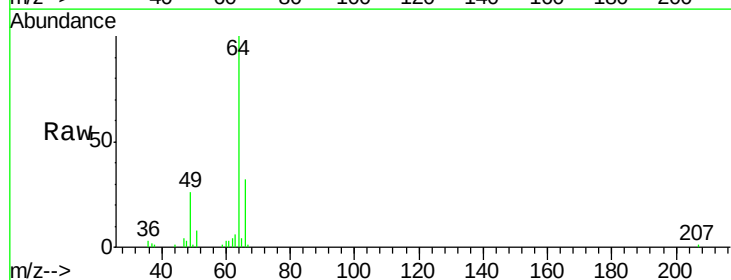
Acq: 16 Apr 2020 12:18

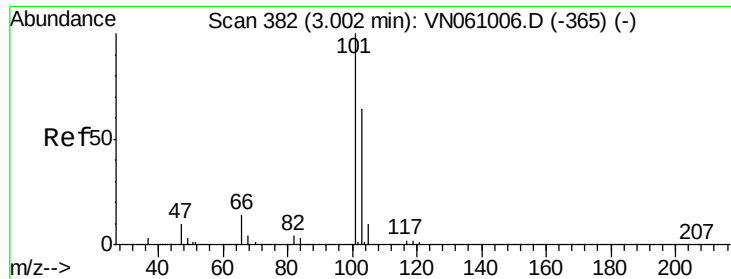
Tgt Ion: 64 Resp: 76603

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8





#7

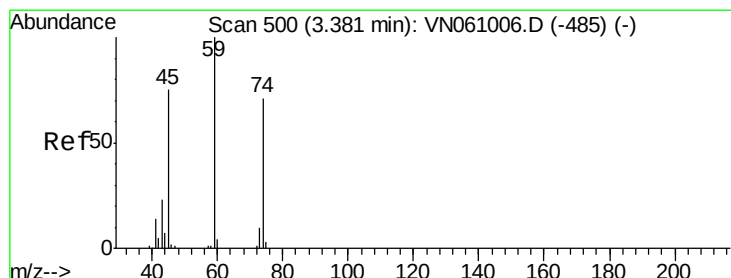
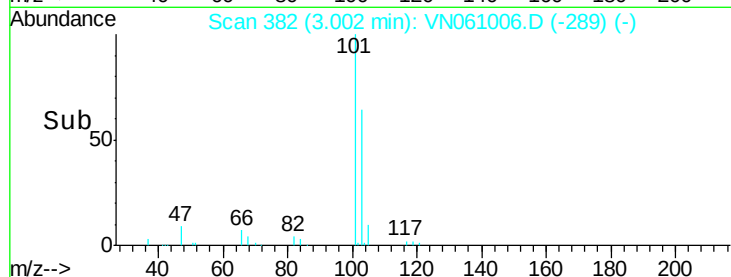
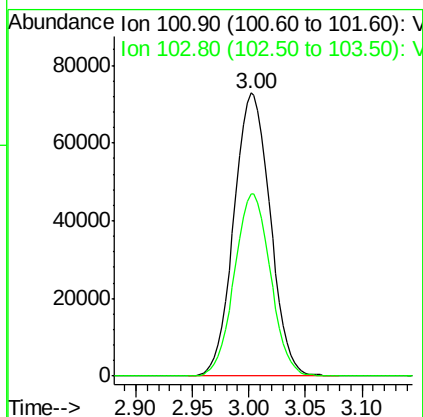
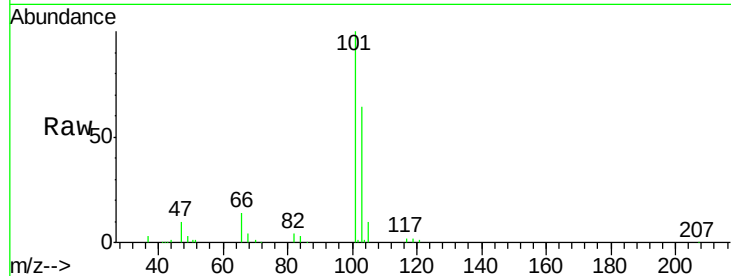
Trichlorofluoromethane
 Concen: 53.587 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2

Manual Integrations
 APPROVED

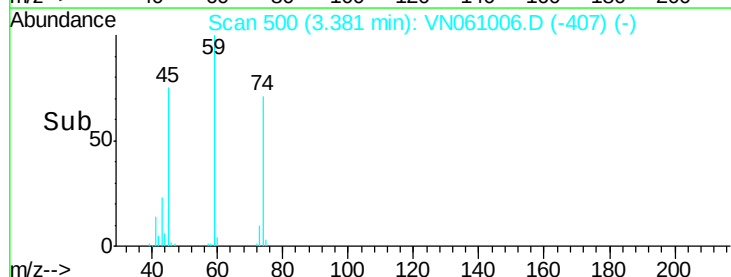
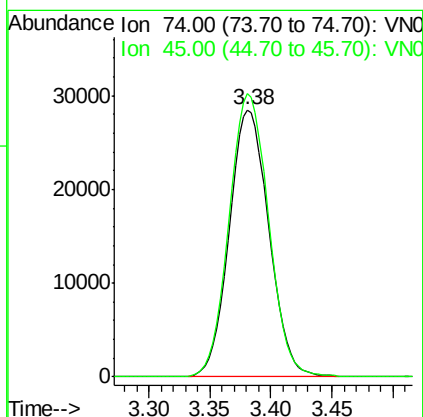
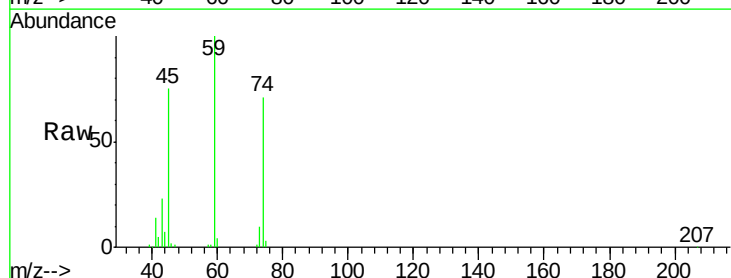
MMDadoda
 4/17/2020 11:53:06 AM

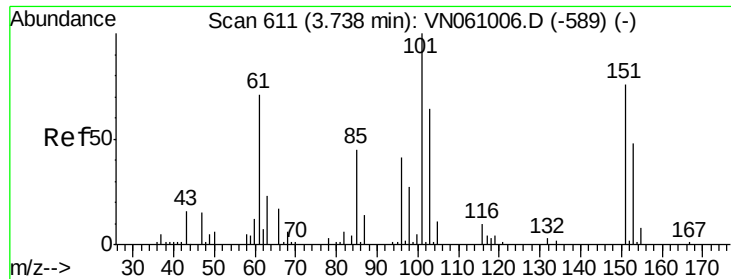


#8

Diethyl Ether
 Concen: 52.833 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.9	52.9	158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.416 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

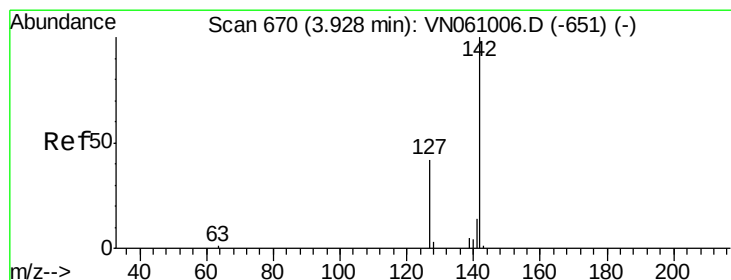
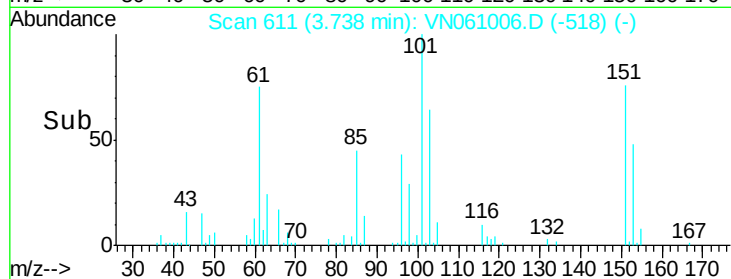
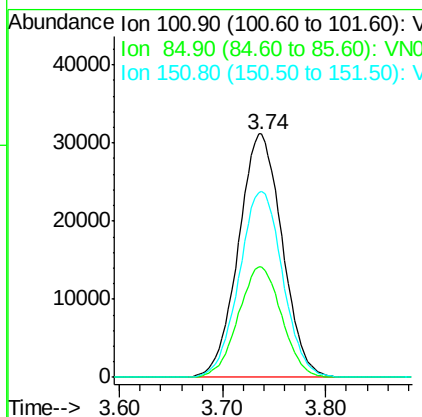
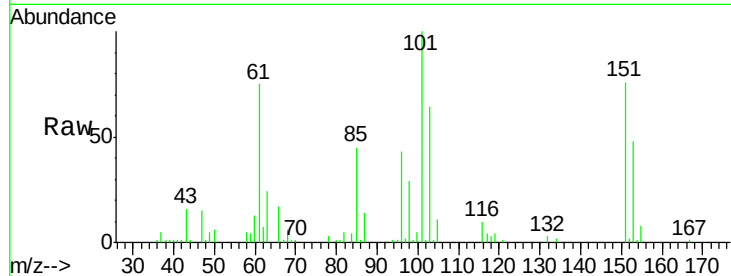
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	91843
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.9	53.9
151	76.0	60.8	91.2

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:53:06 AM



#10

Methyl Iodide

Concen: 51.494 ug/l

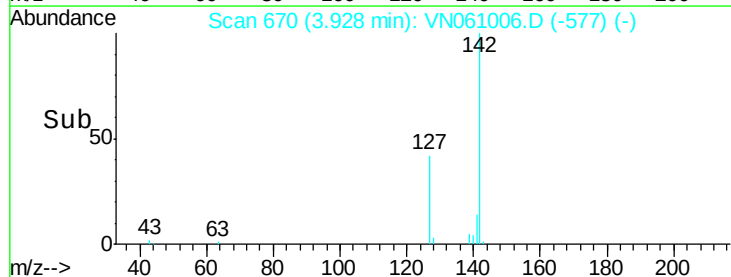
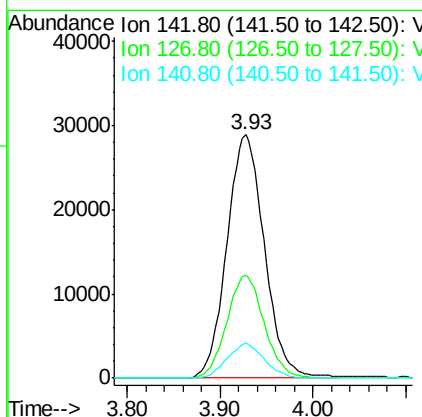
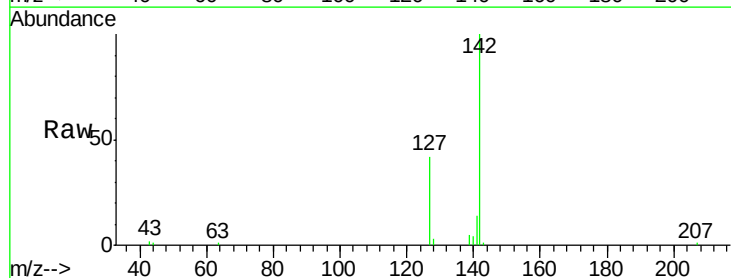
RT: 3.93 min Scan# 670

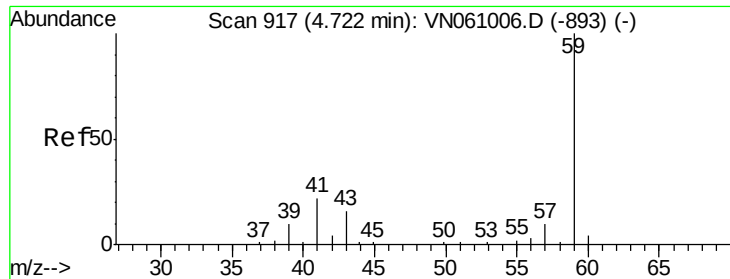
Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Tgt Ion:	142	Resp:	81138
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.4	50.2
141	13.8	11.0	16.6





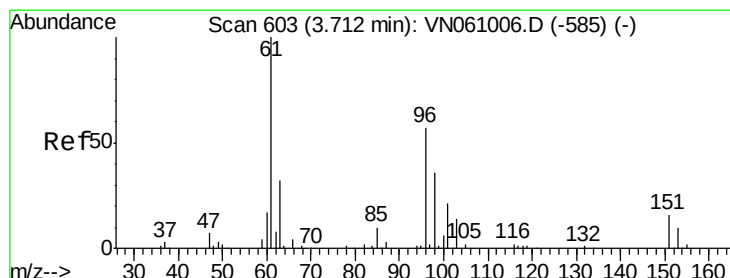
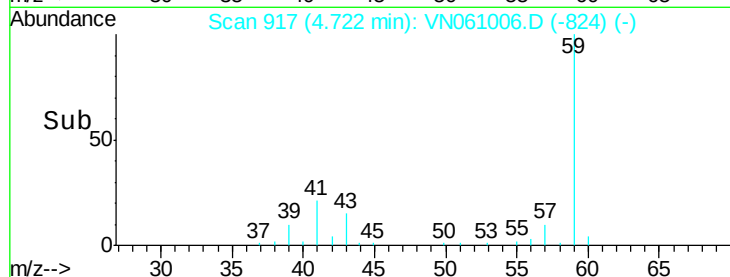
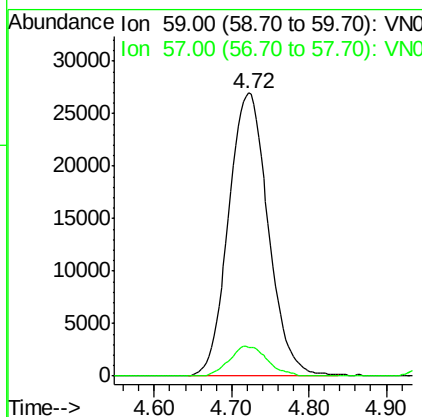
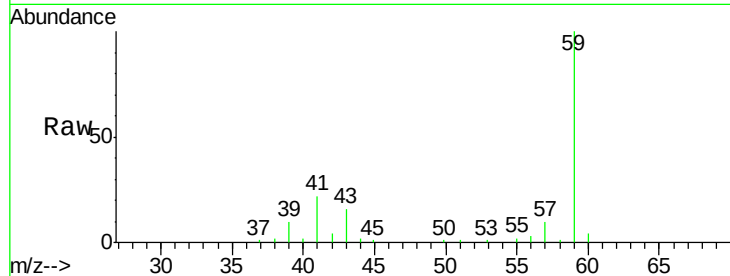
#11
Tert butyl alcohol
Concen: 269.481 ug/l
RT: 4.72 min Scan# 917
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	96113		
57	10.1		8.1	12.1

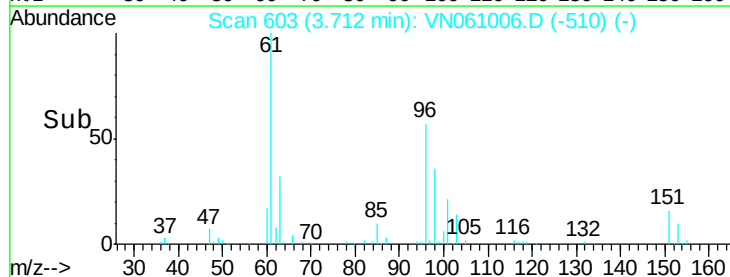
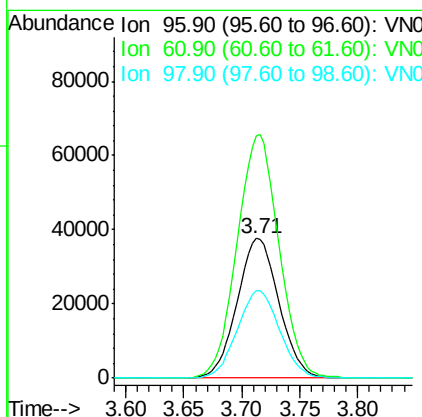
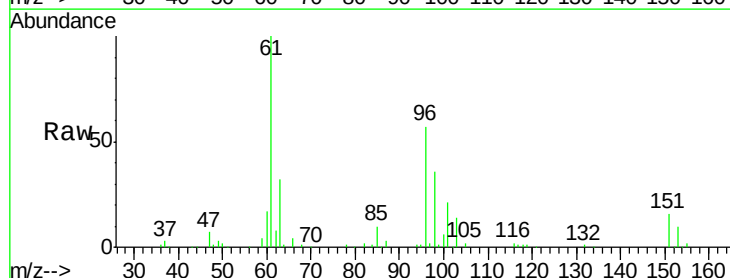
Manual Integrations
APPROVED

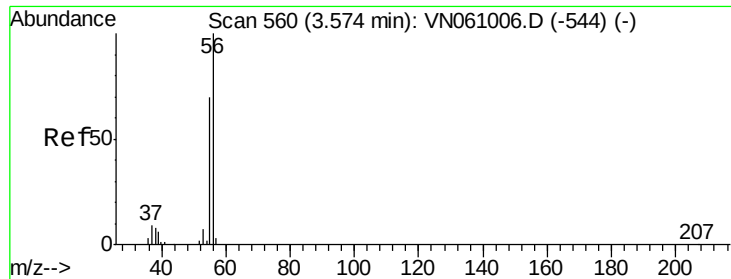
MMDadoda
4/17/2020 11:53:06 AM



#12
1,1-Dichloroethene
Concen: 50.476 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	94493		
61	174.0		139.2	208.8
98	62.5		50.0	75.0





#13

Acrolein

Concen: 210.006 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 78005

Ion Ratio Lower Upper

56 100

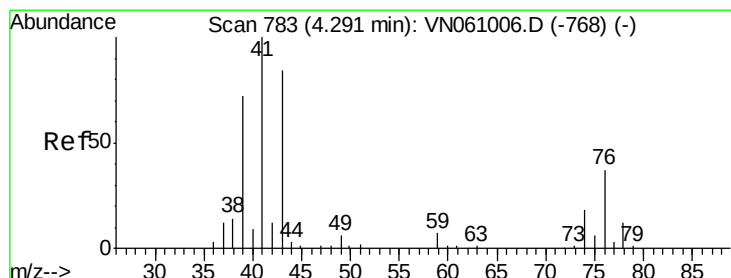
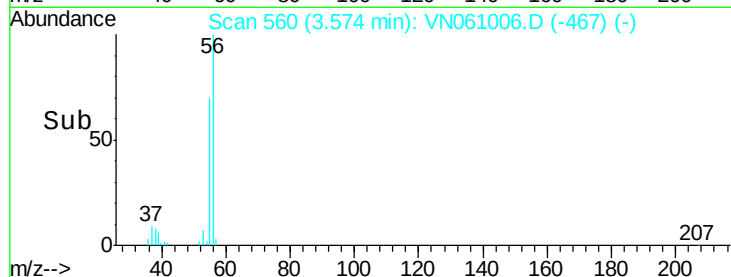
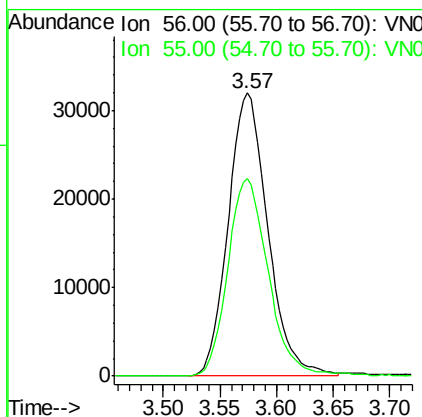
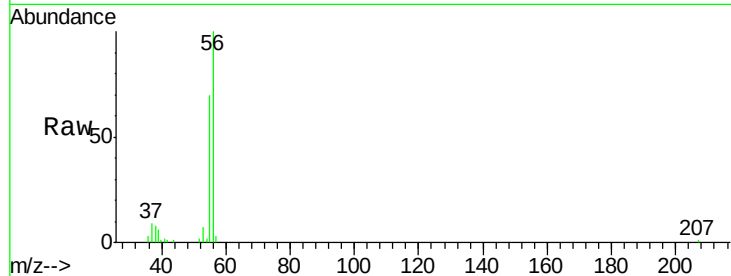
55 71.3 57.0 85.6

Manual Integrations

APPROVED

MMDadoda

4/17/2020 11:53:06 AM



#14

Allyl chloride

Concen: 52.151 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

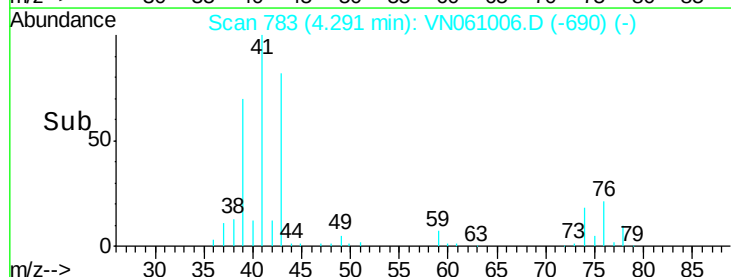
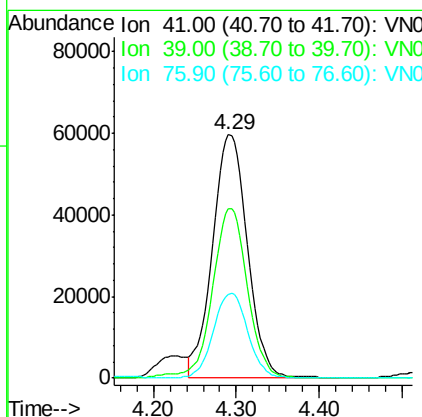
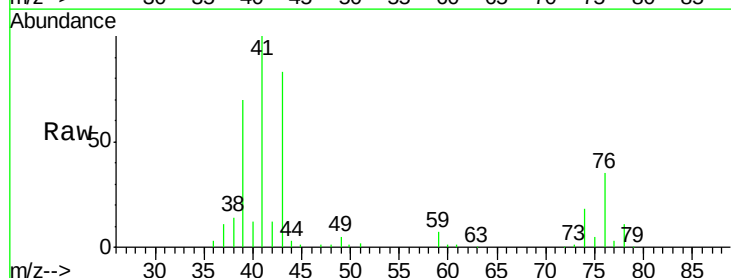
Tgt Ion: 41 Resp: 173740

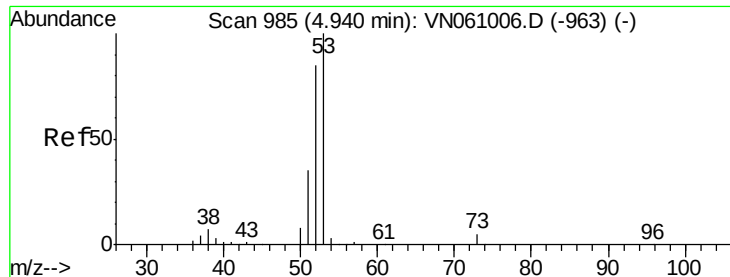
Ion Ratio Lower Upper

41 100

39 70.4 56.3 84.5

76 34.6 27.7 41.5





#15

Acrylonitrile

Concen: 266.291 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

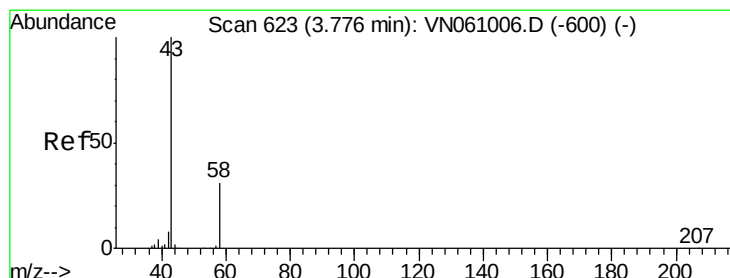
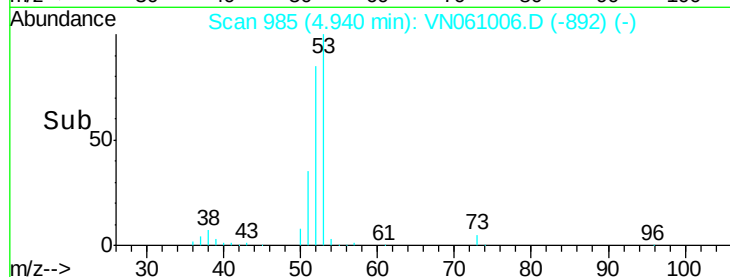
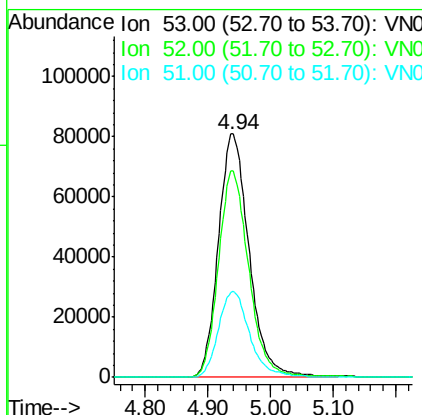
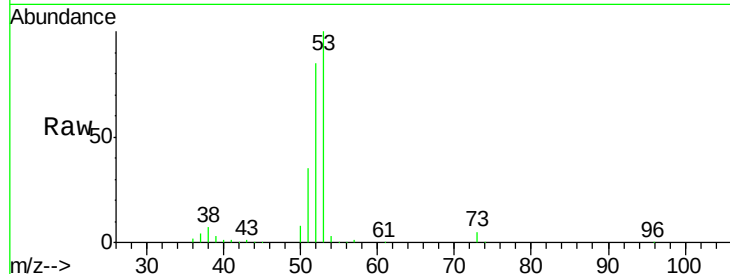
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	275253
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.8	100.2
51	36.1	28.9	43.3

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:53:06 AM



#16

Acetone

Concen: 294.961 ug/l

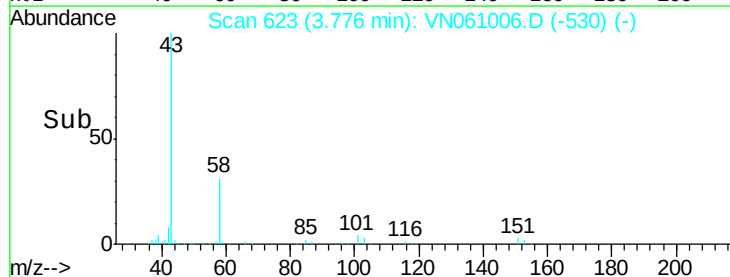
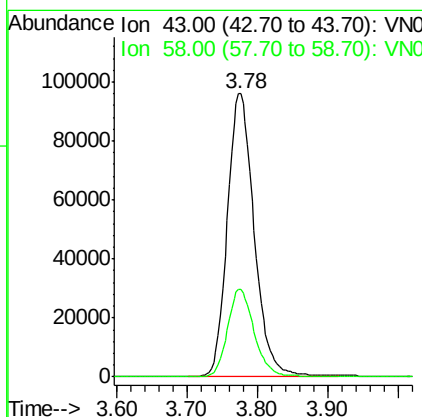
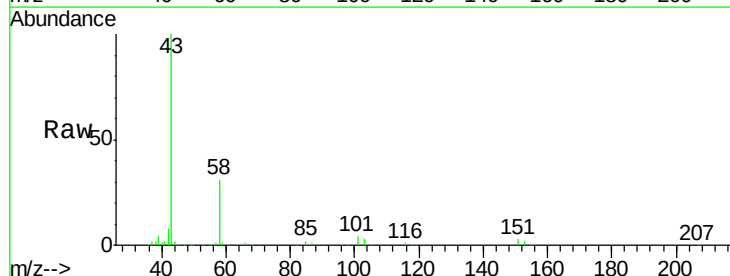
RT: 3.78 min Scan# 623

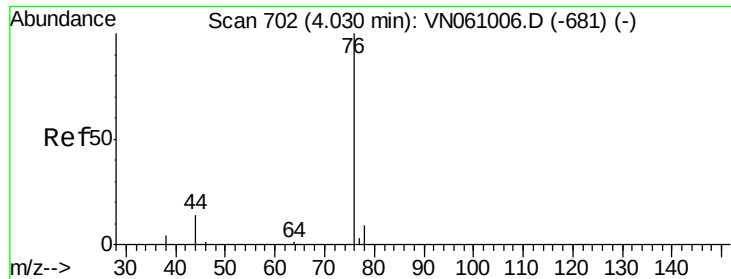
Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Tgt Ion:	43	Resp:	256818
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.6	37.0





#17

Carbon Disulfide

Concen: 51.174 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 292151

Ion Ratio Lower Upper

76 100

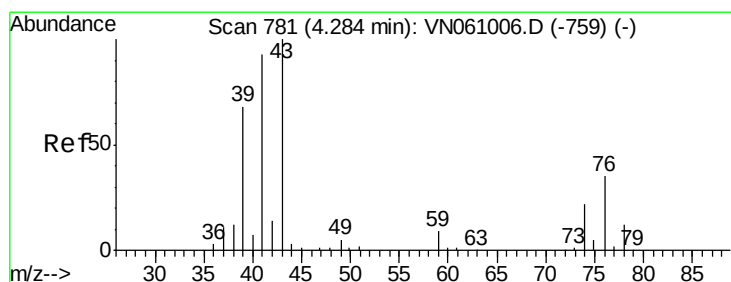
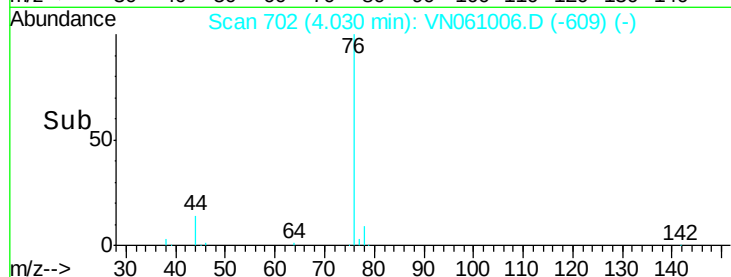
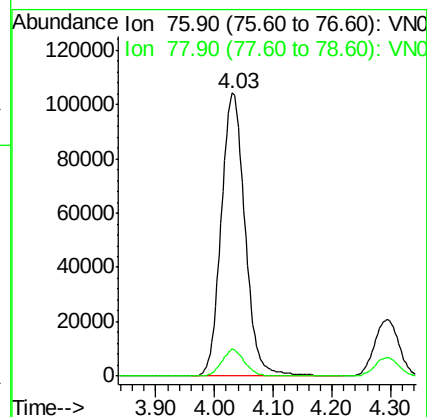
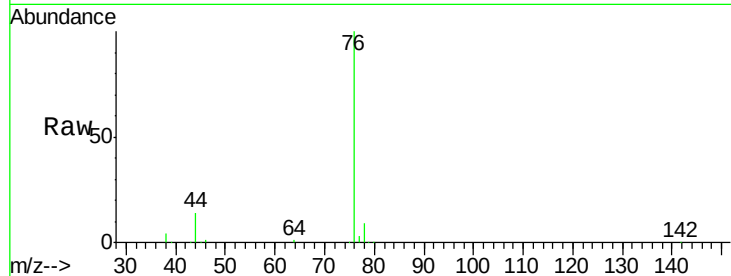
78 9.5 7.6 11.4

Manual Integrations

APPROVED

MMDadoda

4/17/2020 11:53:06 AM



#18

Methyl Acetate

Concen: 63.482 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN061006.D

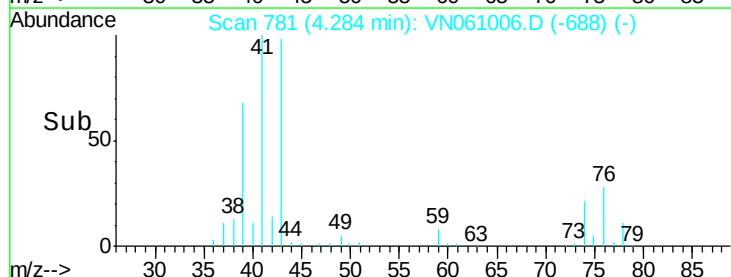
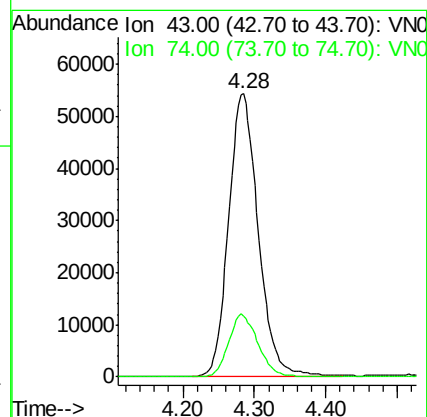
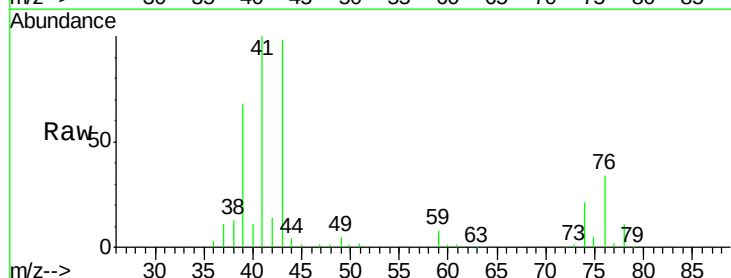
Acq: 16 Apr 2020 12:18

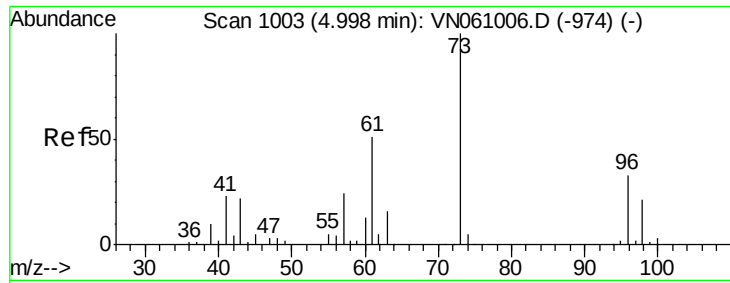
Tgt Ion: 43 Resp: 157719

Ion Ratio Lower Upper

43 100

74 21.7 17.4 26.0





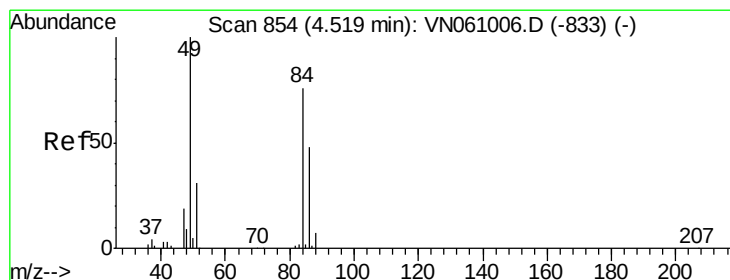
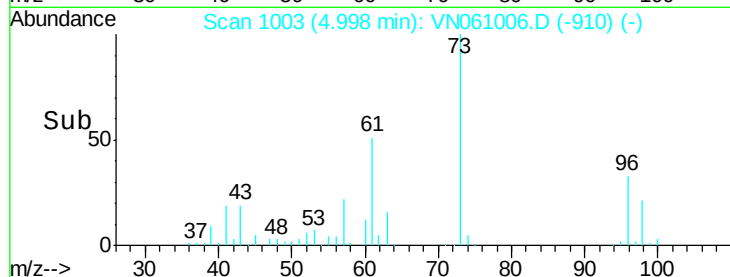
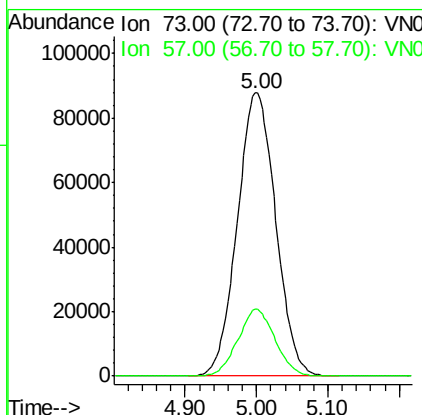
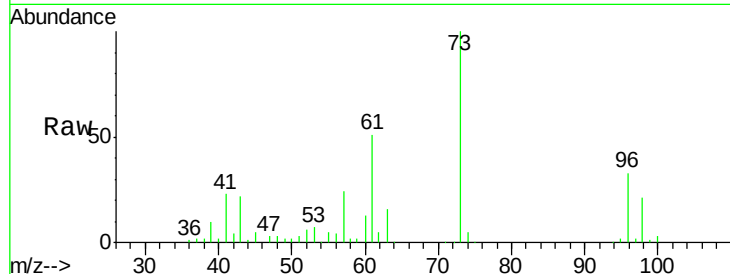
#19
Methyl tert-butyl Ether
Concen: 50.901 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 73 Resp: 328684
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.4

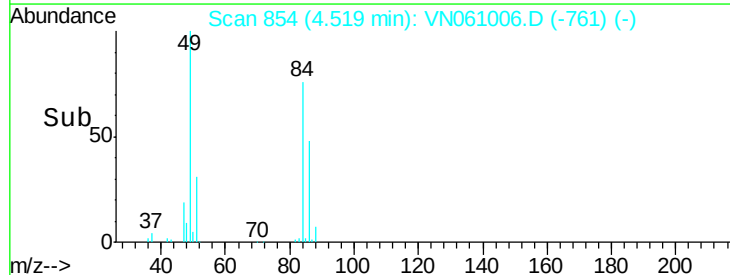
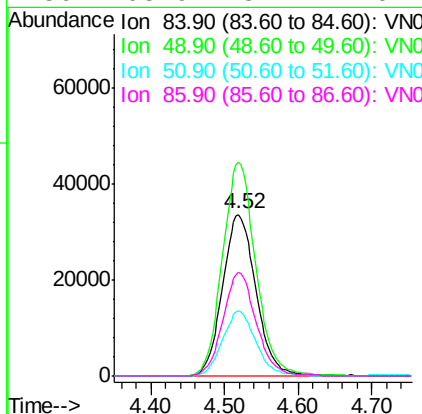
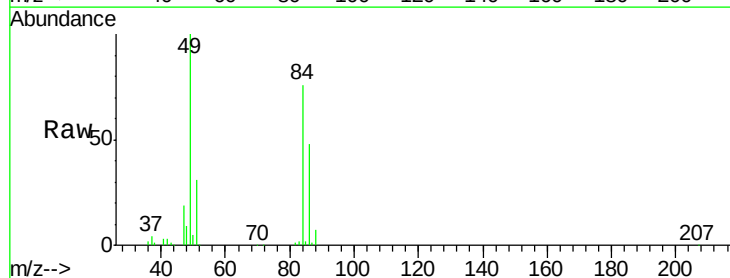
Manual Integrations
APPROVED

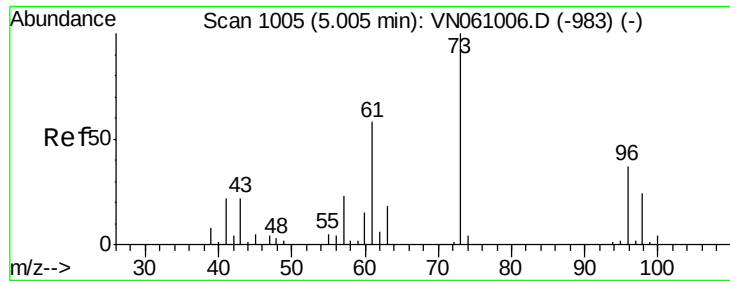
MMDadoda
4/17/2020 11:53:06 AM



#20
Methylene Chloride
Concen: 51.235 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 84 Resp: 106113
Ion Ratio Lower Upper
84 100
49 132.2 105.8 158.6
51 40.5 32.4 48.6
86 63.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 50.416 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 100575

Ion Ratio Lower Upper

96 100

61 156.0 124.8 187.2

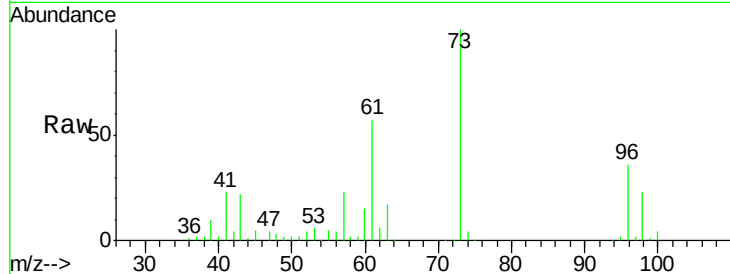
98 64.1 51.3 76.9

Manual Integrations

APPROVED

MMDadoda

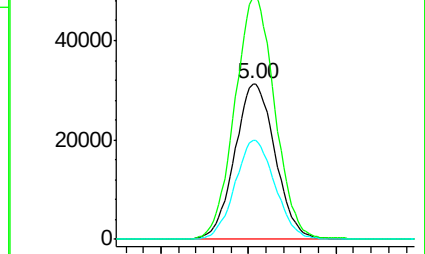
4/17/2020 11:53:06 AM



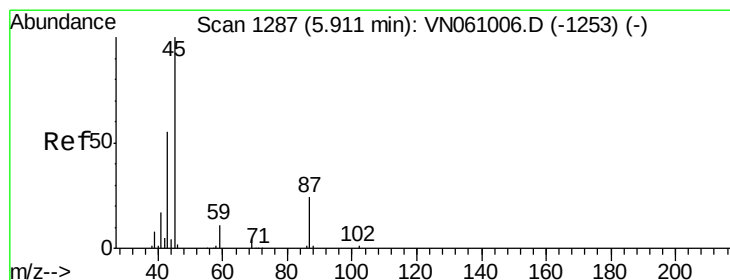
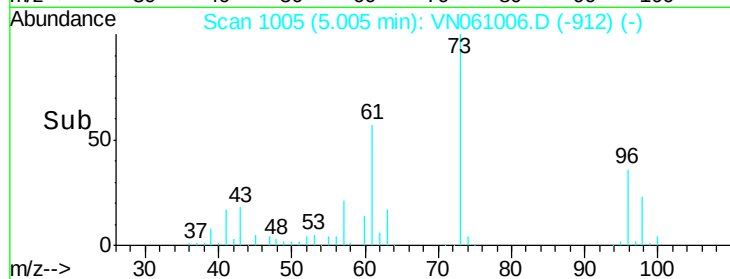
Abundance Ion 95.90 (95.60 to 96.60): VN061006.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VN061006.D (-983) (-)

Ion 97.90 (97.60 to 98.60): VN061006.D (-983) (-)



Time-->



#22

Diisopropyl ether

Concen: 53.315 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Tgt Ion: 45 Resp: 373379

Ion Ratio Lower Upper

45 100

43 60.7 48.6 72.8

87 24.3 19.4 29.2

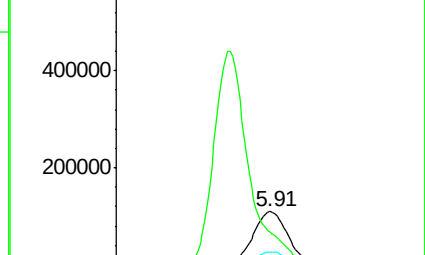
59 10.7 8.6 12.8

Abundance Ion 45.00 (44.70 to 45.70): VN061006.D (-1253) (-)

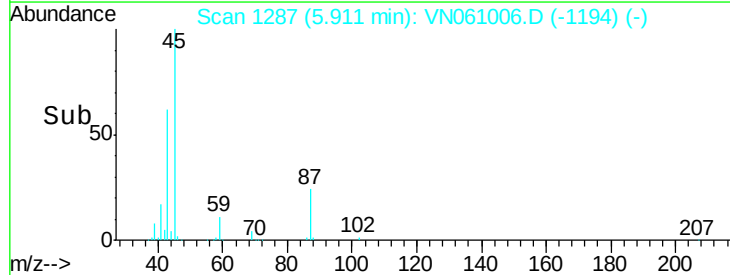
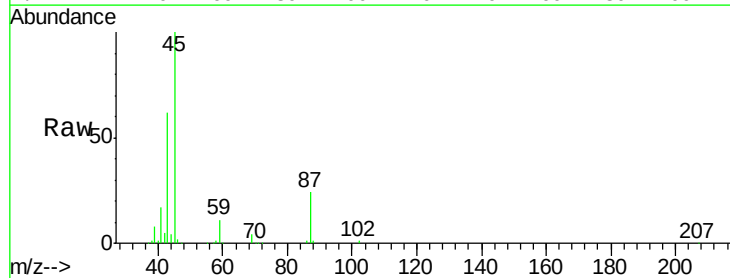
Ion 43.00 (42.70 to 43.70): VN061006.D (-1253) (-)

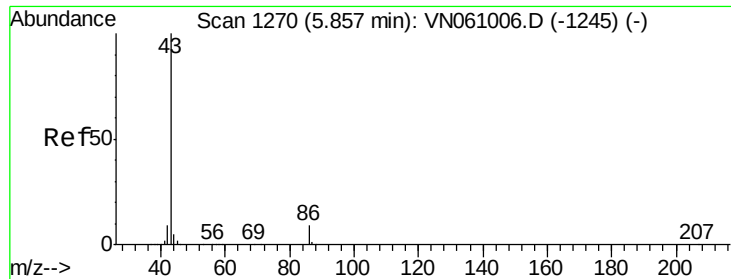
Ion 87.00 (86.70 to 87.70): VN061006.D (-1253) (-)

Ion 59.00 (58.70 to 59.70): VN061006.D (-1253) (-)



Time-->





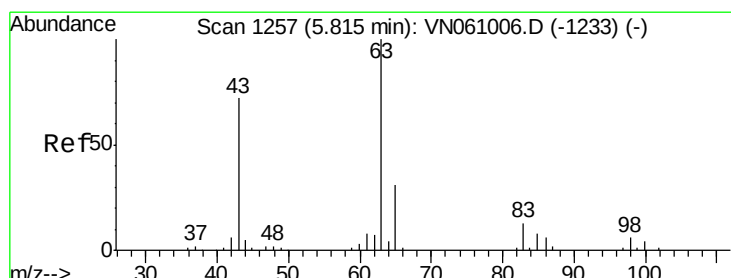
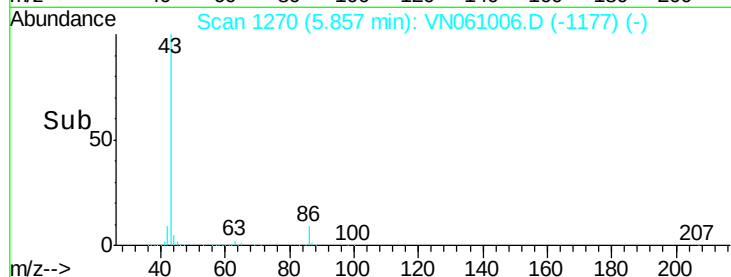
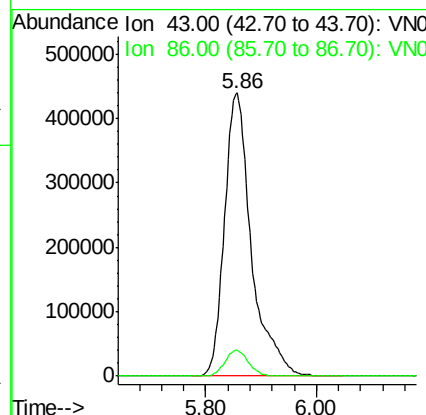
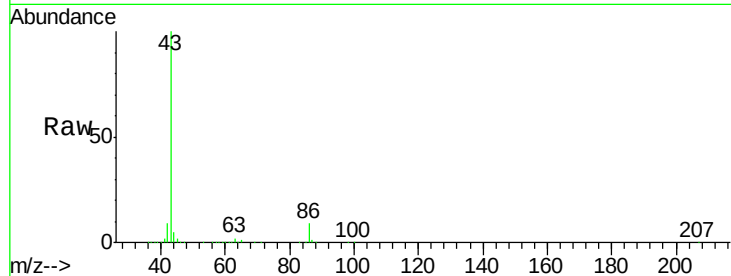
#23
 Vinyl Acetate
 Concen: 261.469 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 1485725
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9

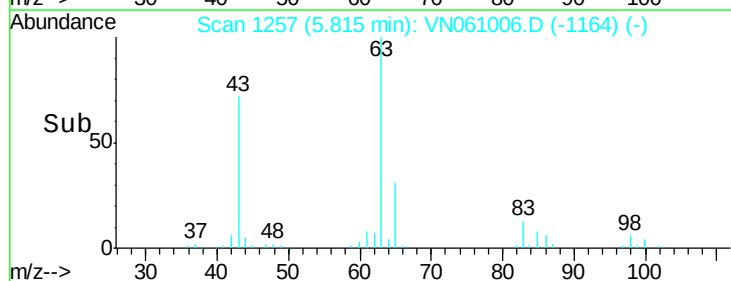
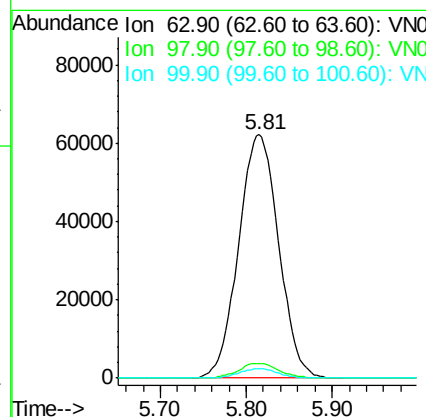
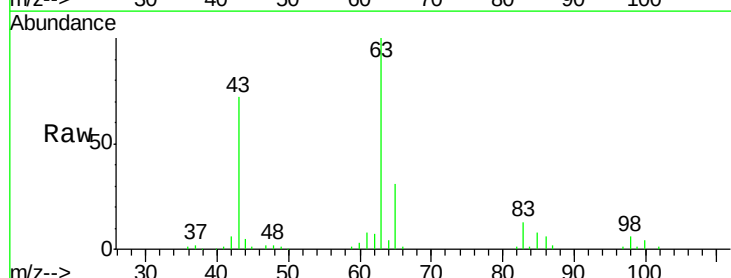
Manual Integrations
 APPROVED

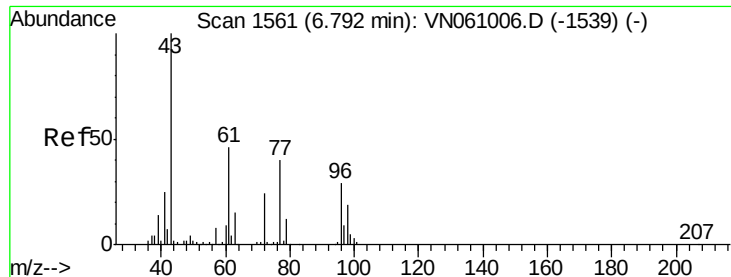
MMDadoda
 4/17/2020 11:53:06 AM



#24
 1,1-Dichloroethane
 Concen: 52.631 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion: 63 Resp: 200853
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 3.9 2.0 5.8





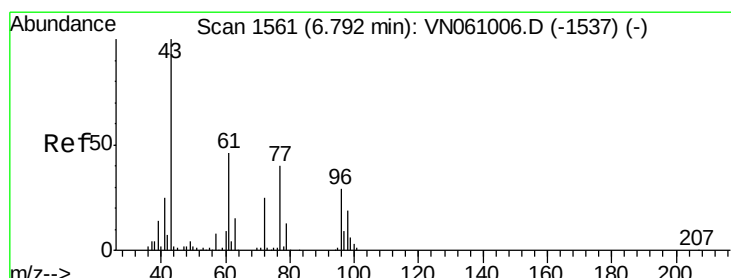
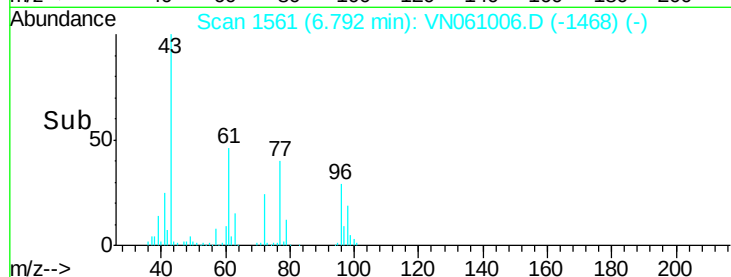
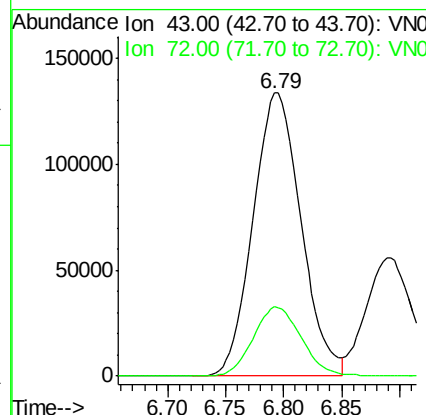
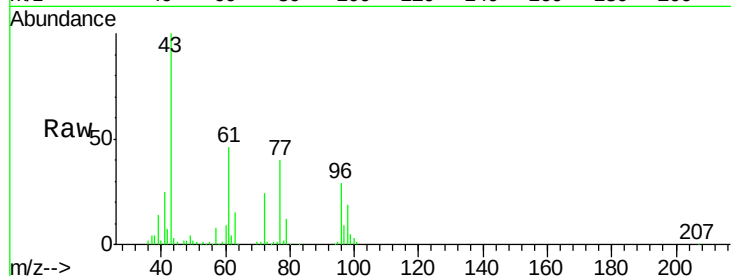
#25
2-Butanone
Concen: 278.225 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 385218
Ion Ratio Lower Upper
43 100
72 24.5 19.6 29.4

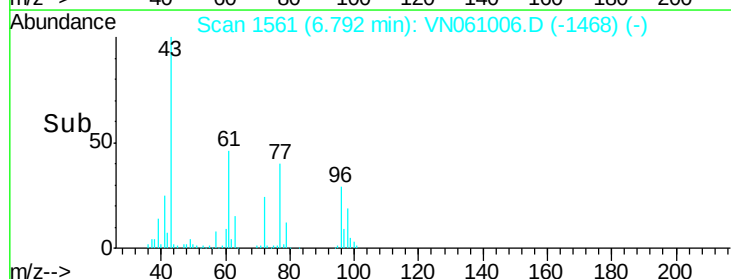
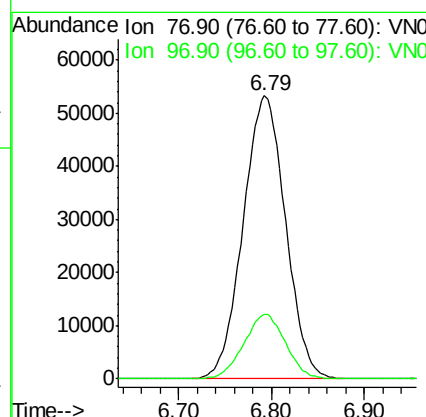
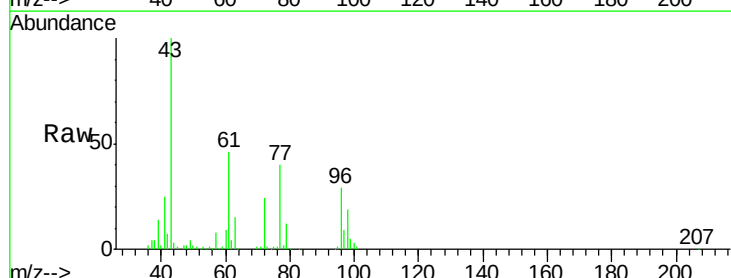
Manual Integrations
APPROVED

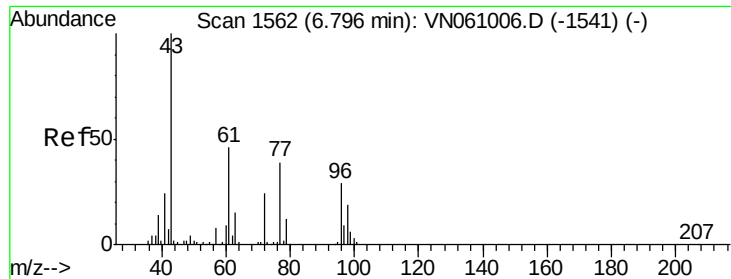
MMDadoda
4/17/2020 11:53:06 AM



#26
2,2-Dichloropropane
Concen: 55.459 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 77 Resp: 169122
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.038 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

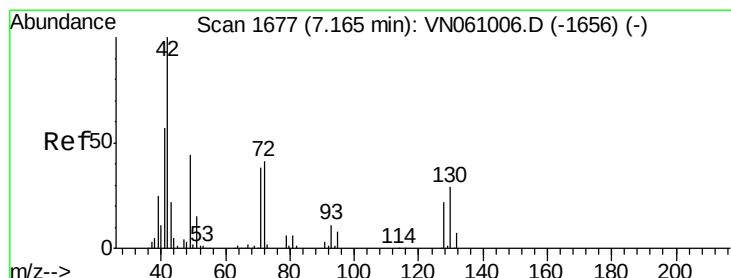
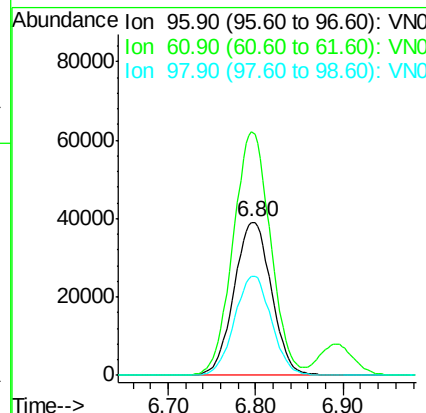
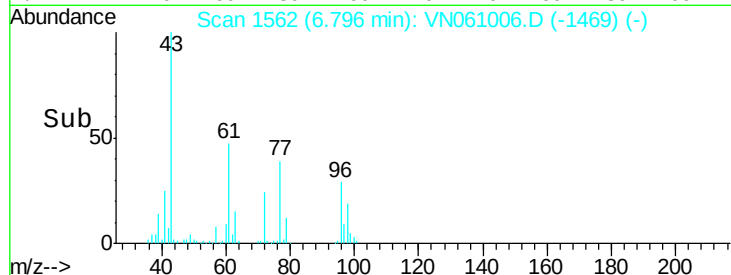
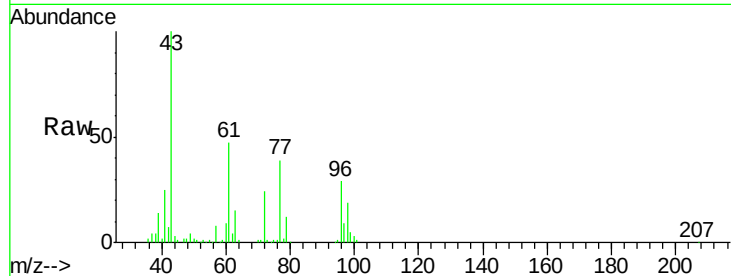
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	116021
Ion	Ratio	Lower	Upper
96	100		
61	158.7	0.0	317.4
98	63.9	0.0	127.8

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:53:06 AM



#28

Bromochloromethane

Concen: 51.780 ug/l

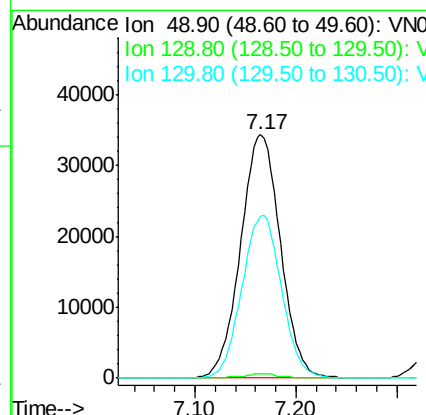
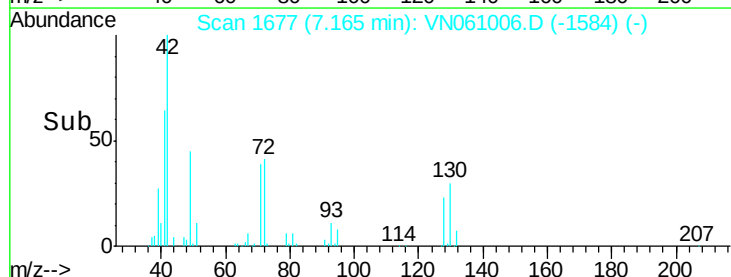
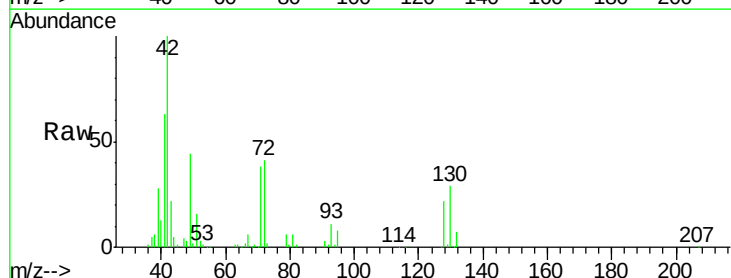
RT: 7.17 min Scan# 1677

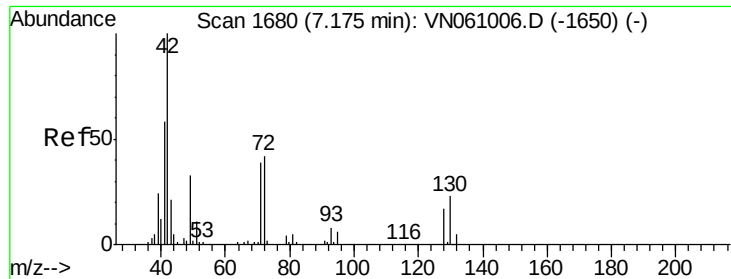
Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Tgt Ion:	49	Resp:	94051
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	66.1	52.9	79.3





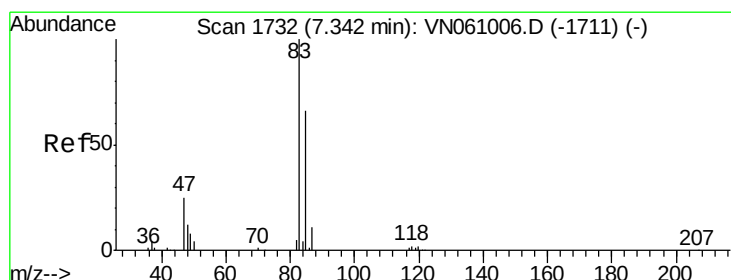
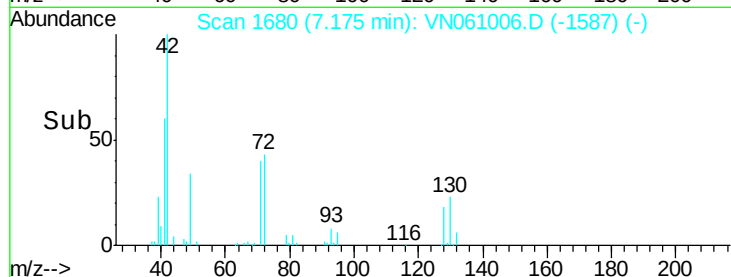
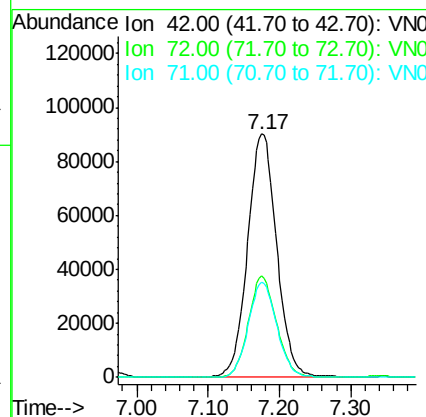
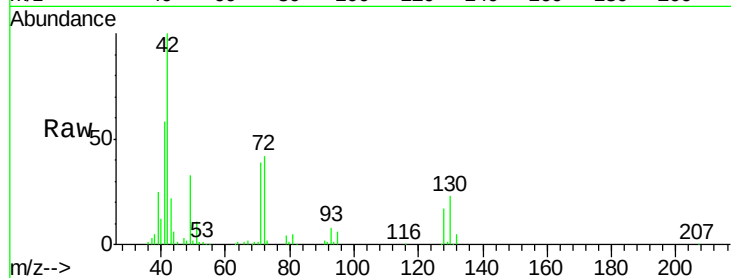
#29
Tetrahydrofuran
Concen: 264.193 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.1	48.1
71	38.1	30.5	45.7

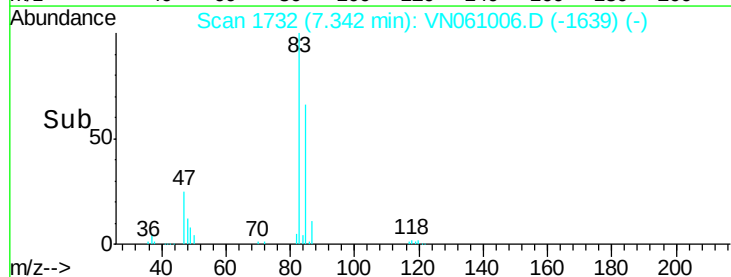
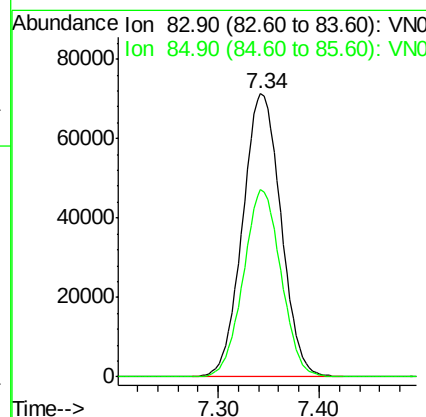
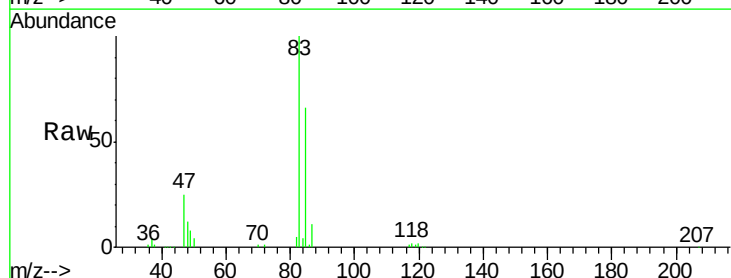
Manual Integrations
APPROVED

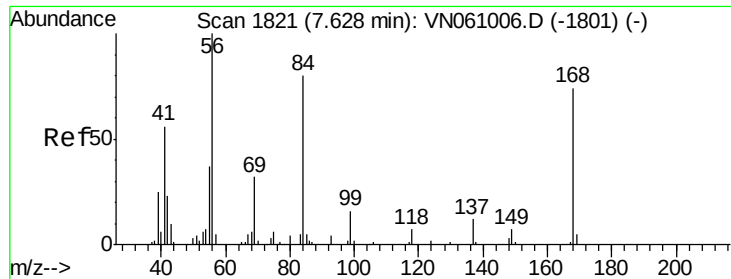
MMDadoda
4/17/2020 11:53:06 AM



#30
Chloroform
Concen: 51.510 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.8	79.2





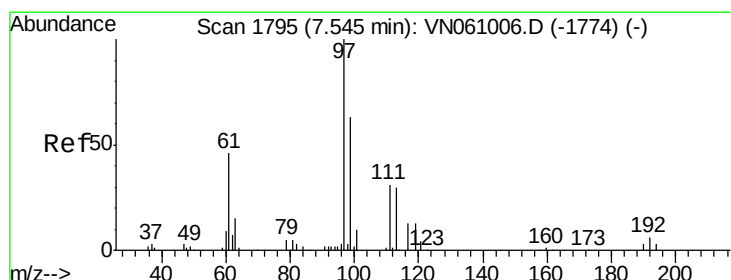
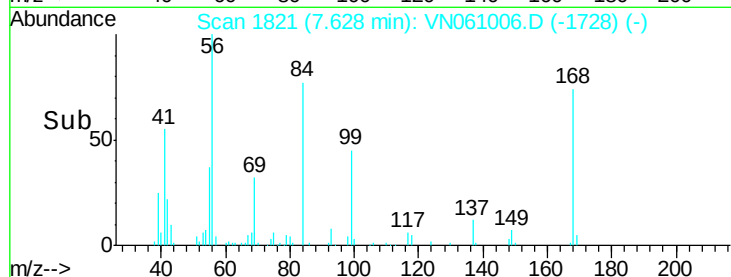
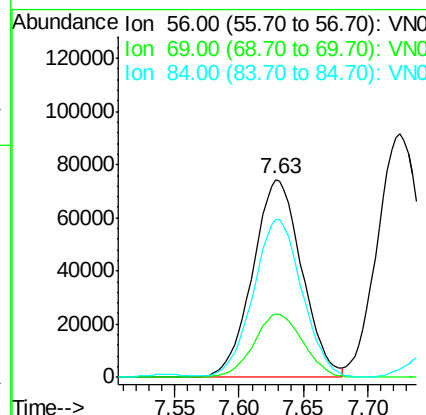
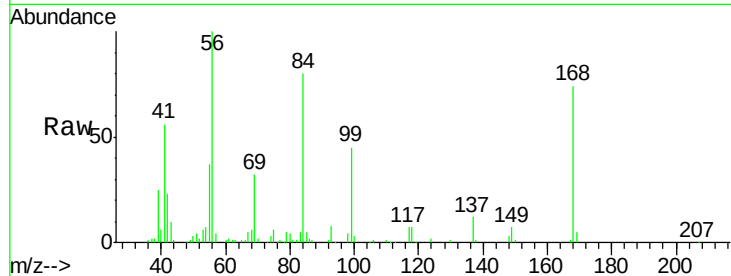
#31
Cyclohexane
Concen: 50.889 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.6	38.4
84	79.3	63.4	95.2

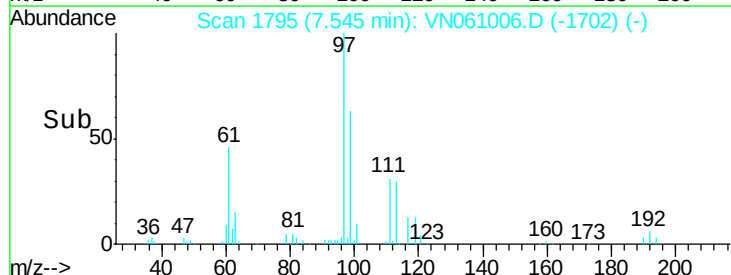
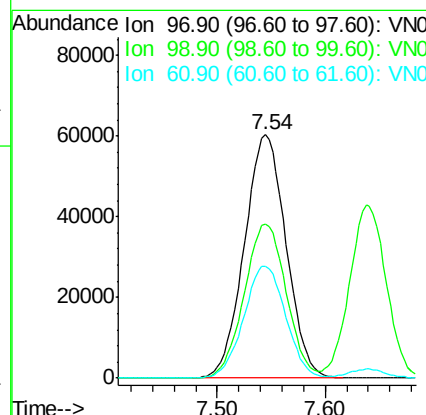
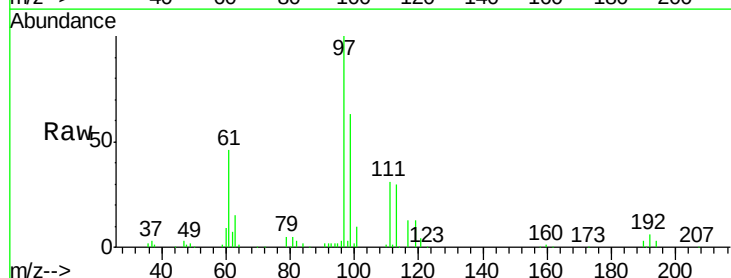
Manual Integrations
APPROVED

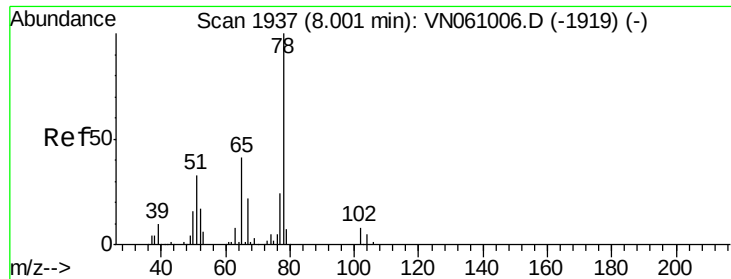
MMDadoda
4/17/2020 11:53:06 AM



#32
1,1,1-Trichloroethane
Concen: 51.741 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	46.3	37.0	55.6





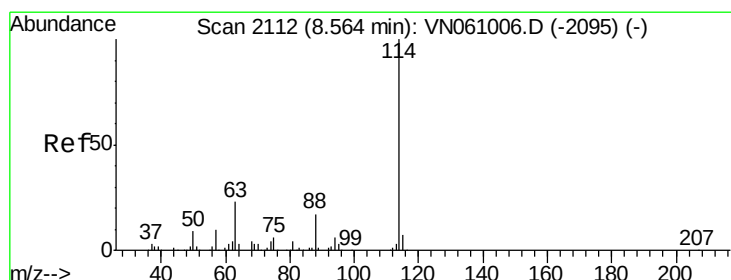
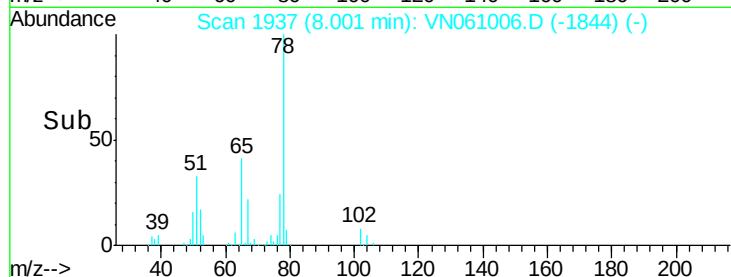
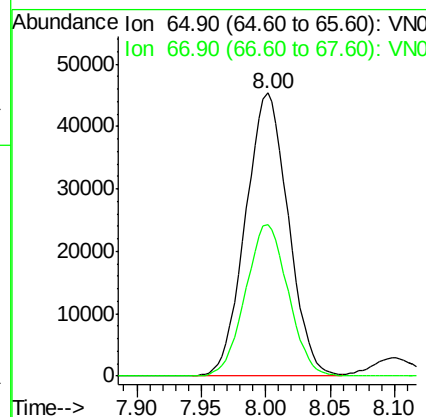
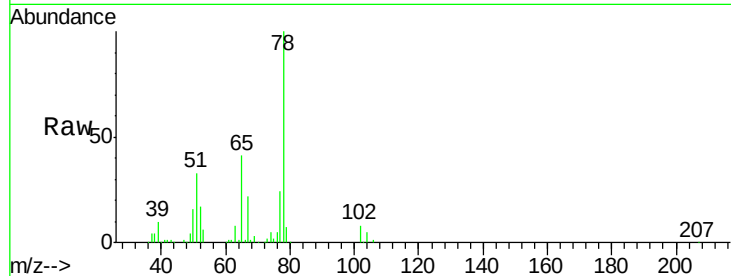
#33
 1,2-Dichloroethane-d4
 Concen: 45.409 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	107.0	

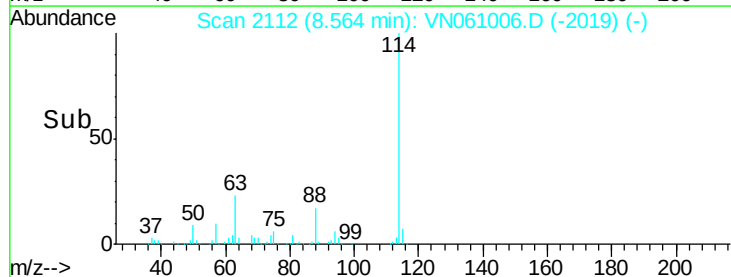
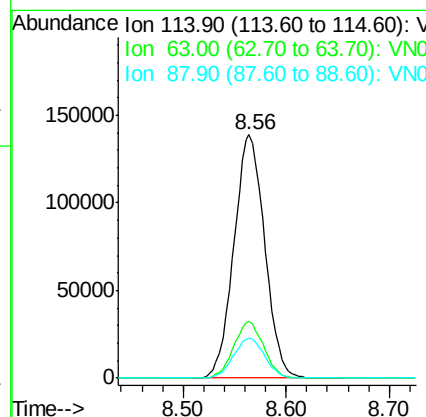
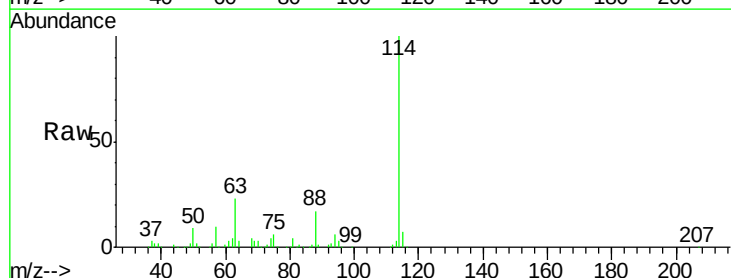
Manual Integrations
 APPROVED

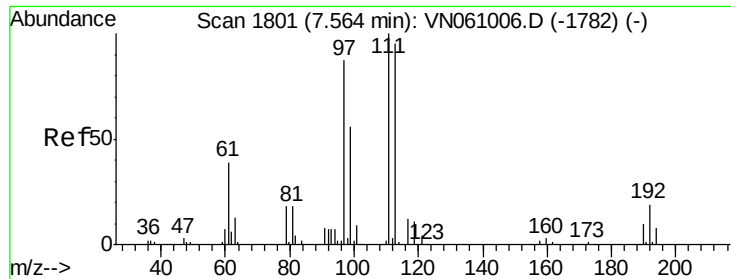
MMDadoda
 4/17/2020 11:53:06 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.1	0.0	46.2	
88	16.7	0.0	33.4	





#35

Dibromofluoromethane

Concen: 47.245 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion:113 Resp: 81229

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

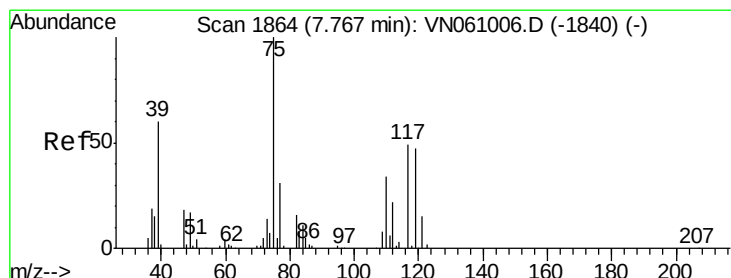
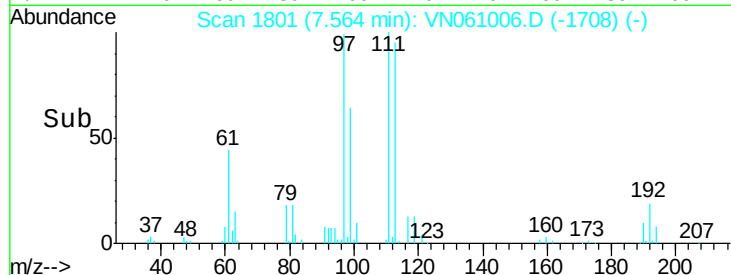
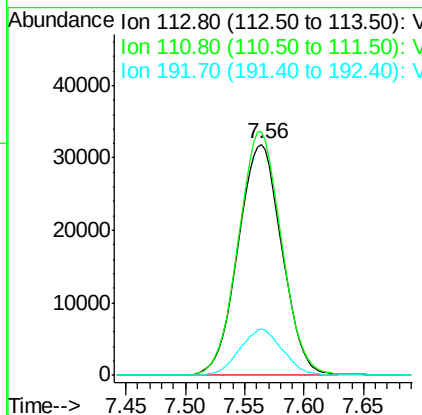
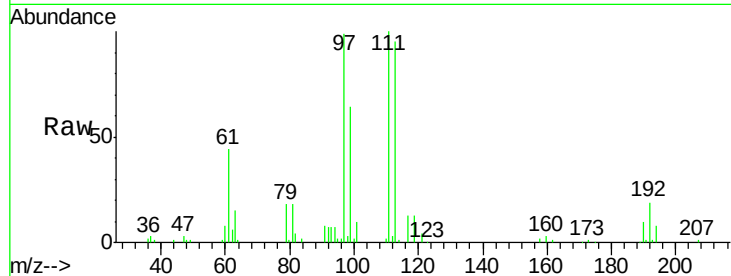
192 19.4 15.5 23.3

Manual Integrations

APPROVED

MMDadoda

4/17/2020 11:53:06 AM



#36

1,1-Dichloropropene

Concen: 53.205 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

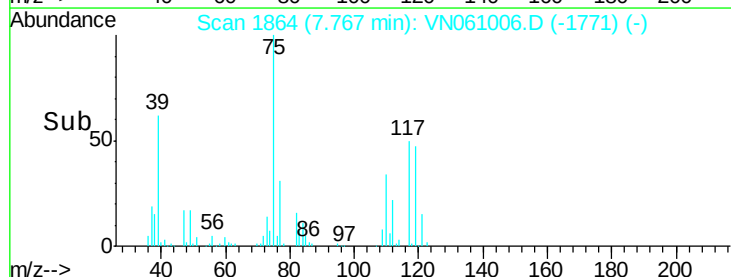
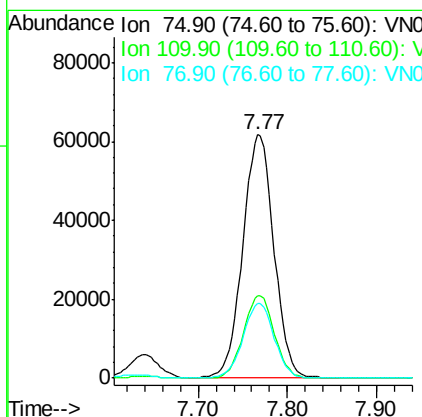
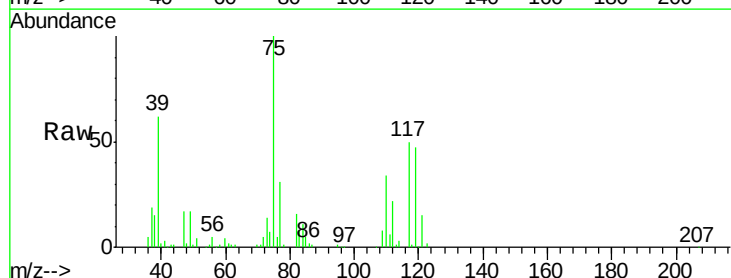
Tgt Ion: 75 Resp: 149988

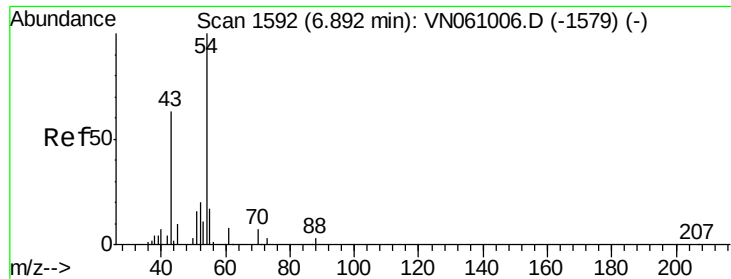
Ion Ratio Lower Upper

75 100

110 33.5 16.8 50.3

77 30.9 24.7 37.1





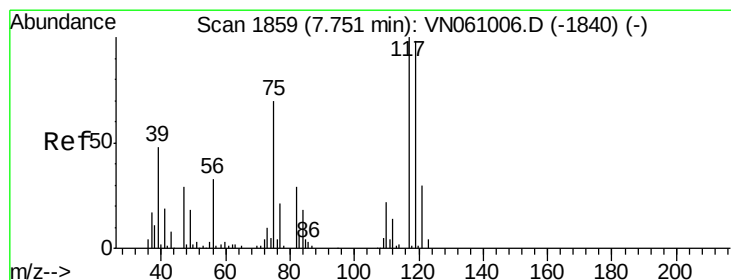
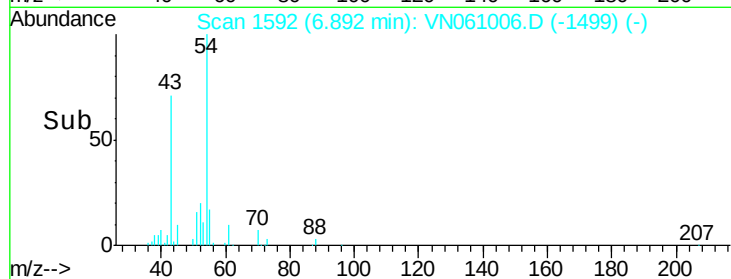
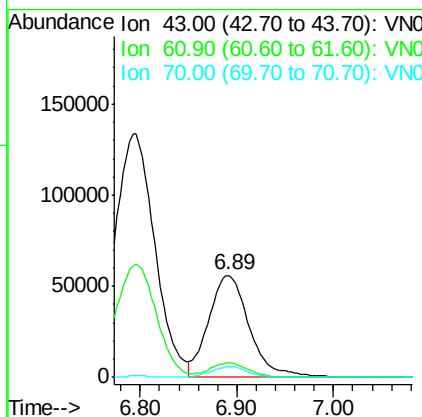
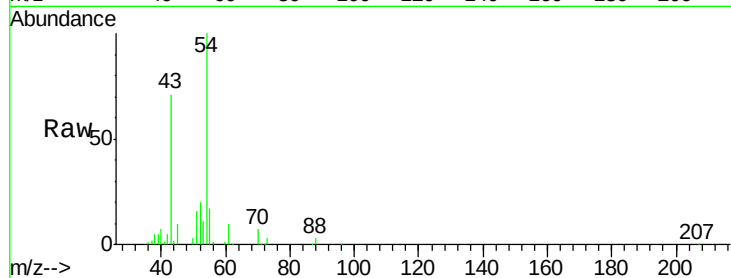
#37
Ethyl Acetate
Concen: 52.532 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	9.6	7.7	11.5

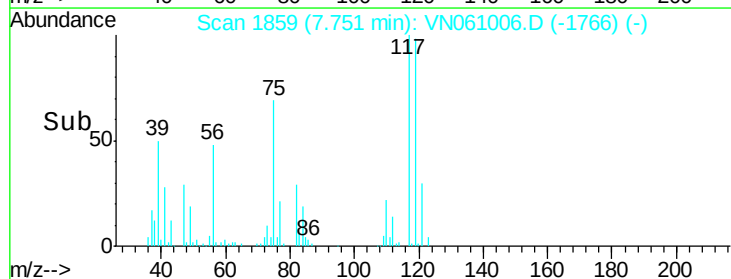
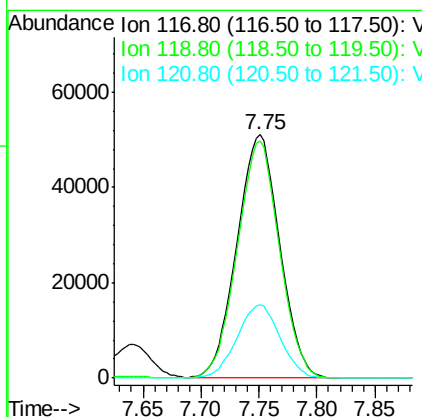
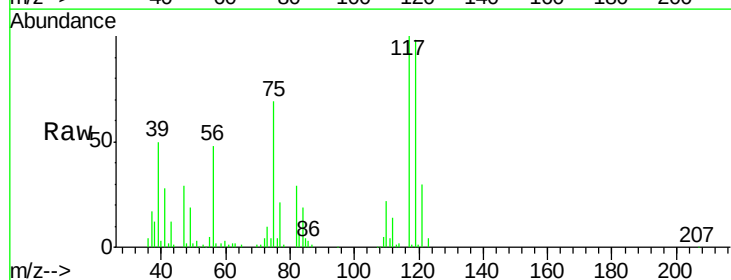
Manual Integrations
APPROVED

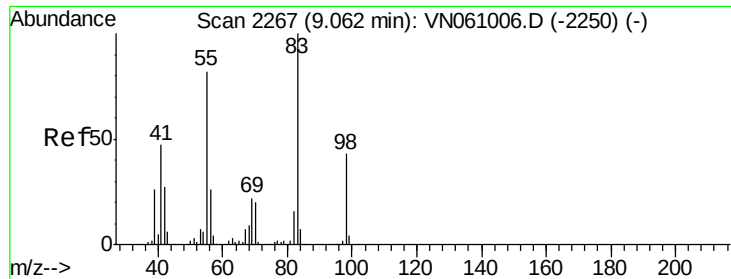
MMDadoda
4/17/2020 11:53:06 AM



#38
Carbon Tetrachloride
Concen: 52.274 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.1	117.1
121	30.0	24.0	36.0





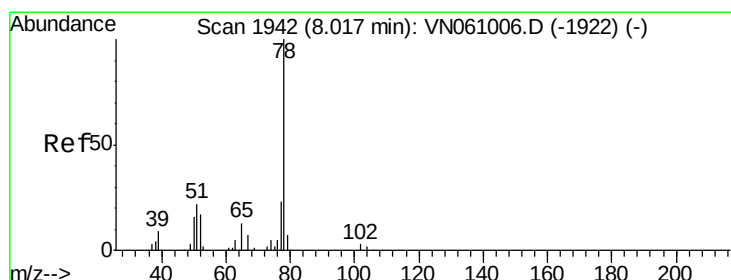
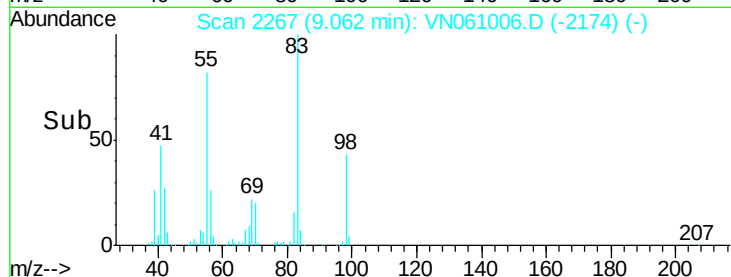
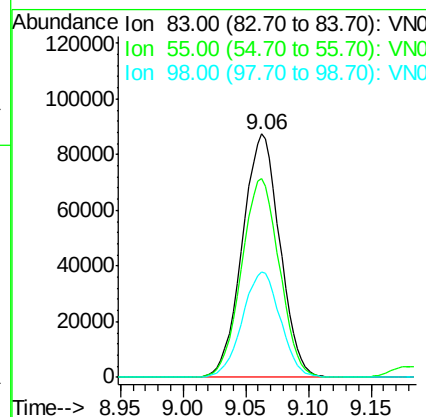
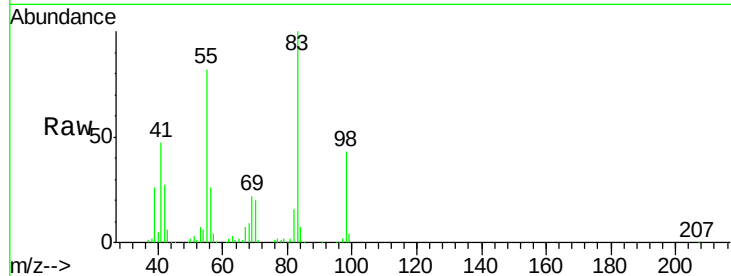
#39
Methylvlcyclohexane
Concen: 54.088 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.7	65.4	98.0
98	43.2	34.6	51.8

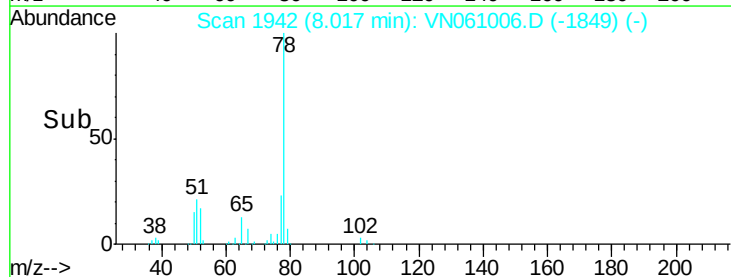
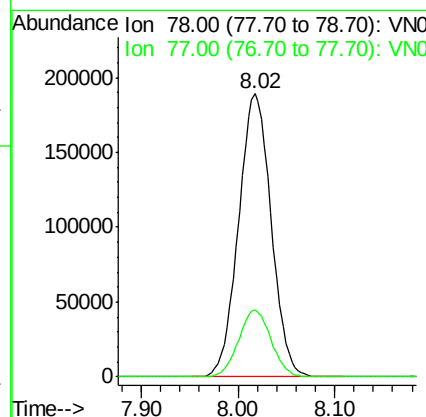
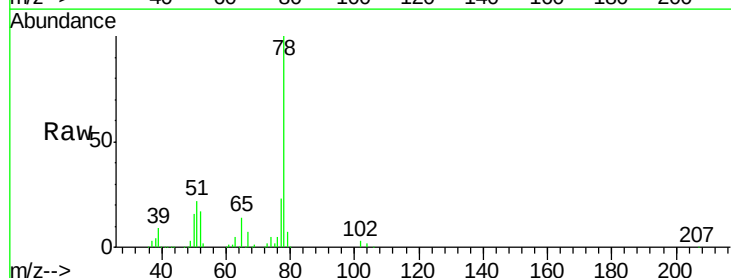
Manual Integrations
APPROVED

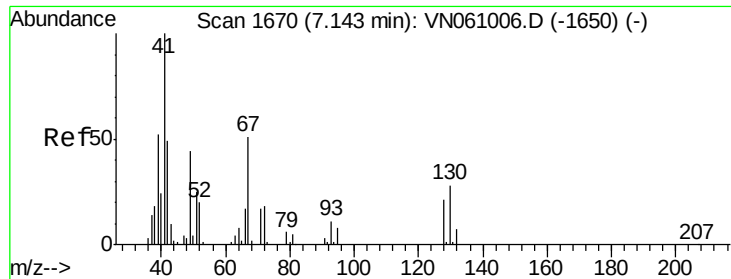
MMDadoda
4/17/2020 11:53:06 AM



#40
Benzene
Concen: 52.050 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





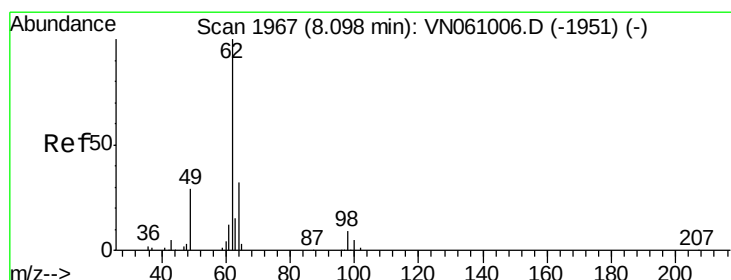
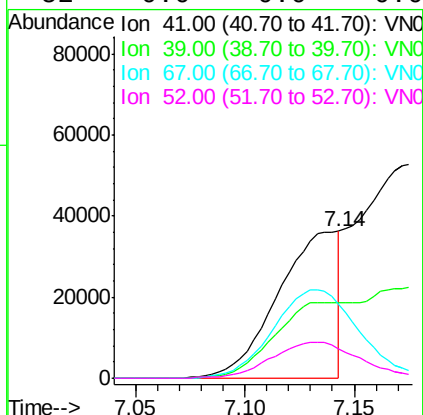
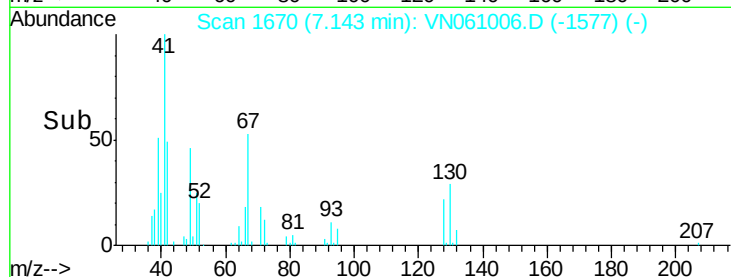
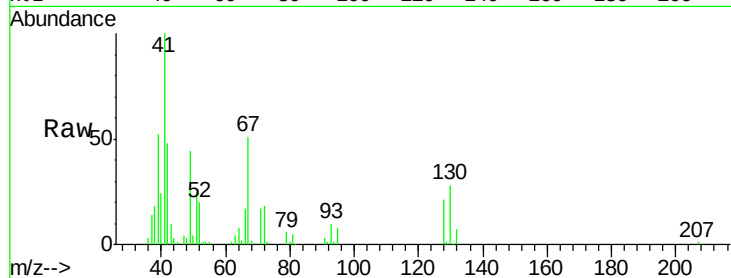
#41
Methacrylonitrile
Concen: 53.906 ug/l m
RT: 7.14 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
41	100	70511		
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

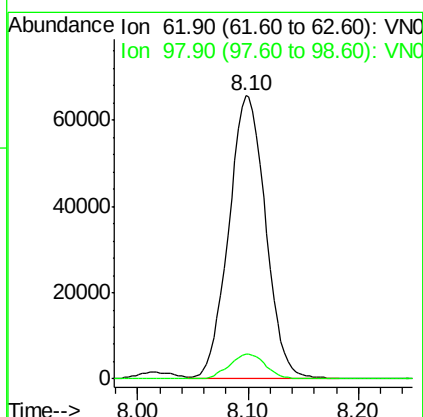
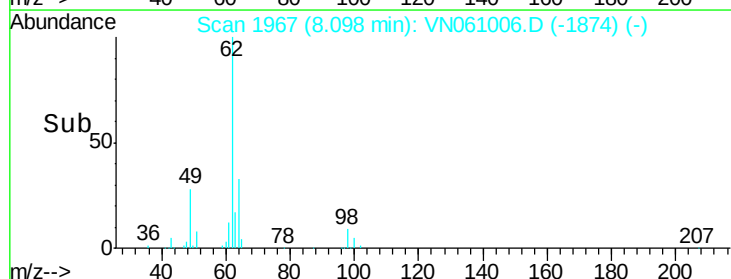
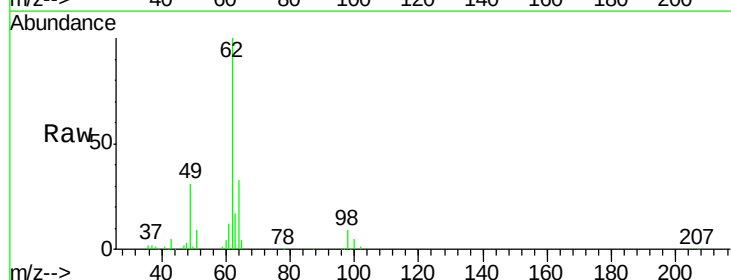
Manual Integrations
APPROVED

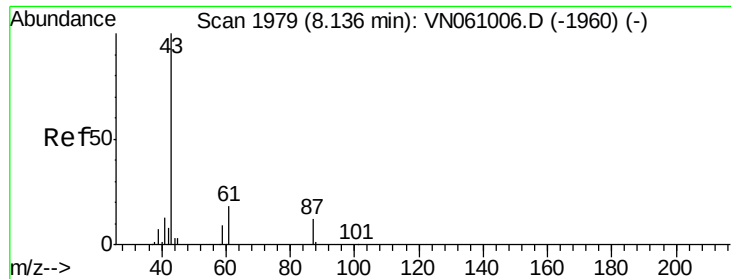
MMDadoda
4/17/2020 11:53:06 AM



#42
1,2-Dichloroethane
Concen: 52.308 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	152124		
98	8.6	0.0	17.2	





#43

Isopropyl Acetate

Concen: 53.020 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

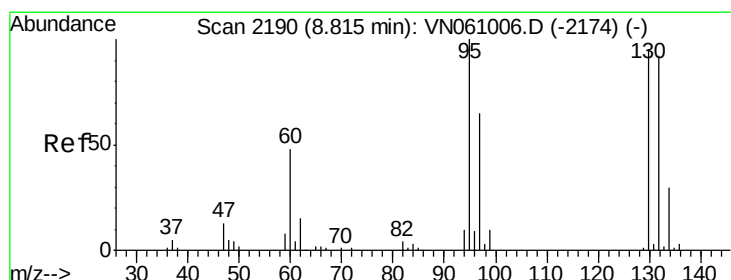
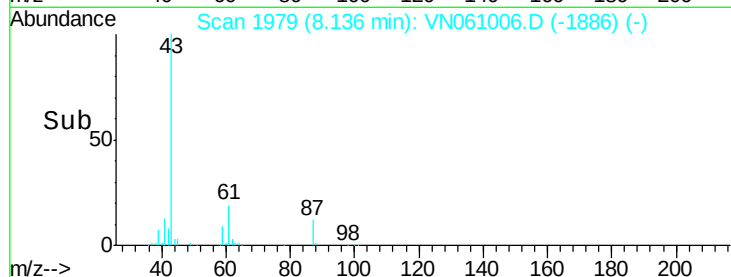
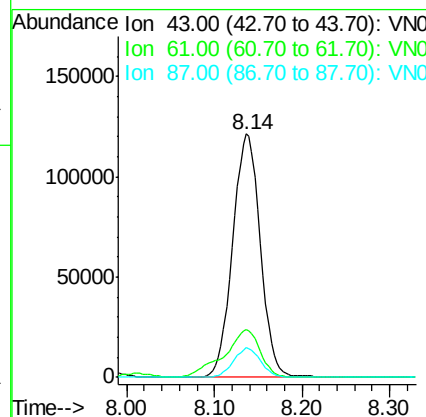
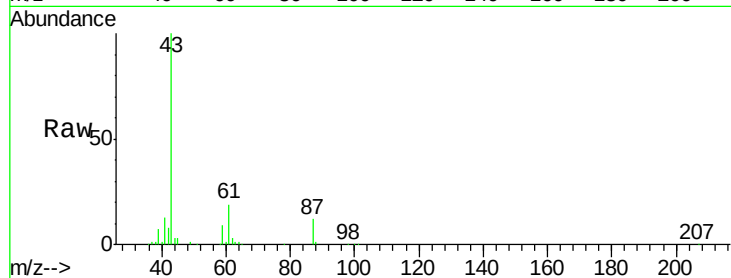
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	266948
Ion	Ratio	Lower	Upper
43	100		
61	25.4	20.3	30.5
87	11.8	9.4	14.2

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:53:06 AM



#44

Trichloroethene

Concen: 51.487 ug/l

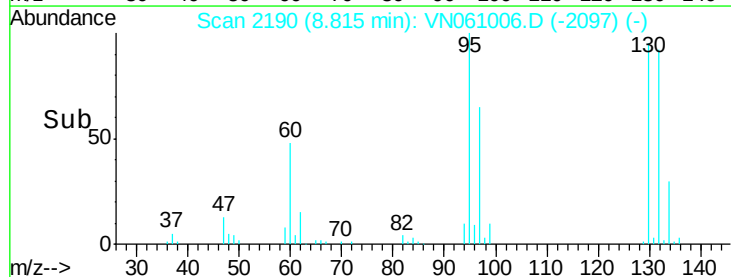
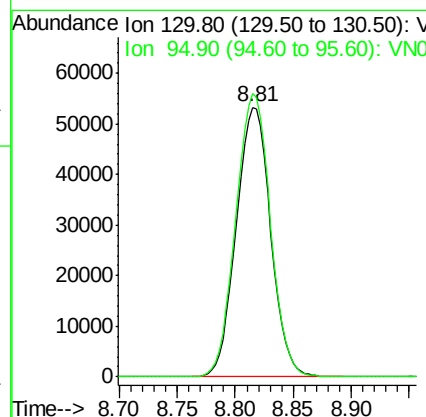
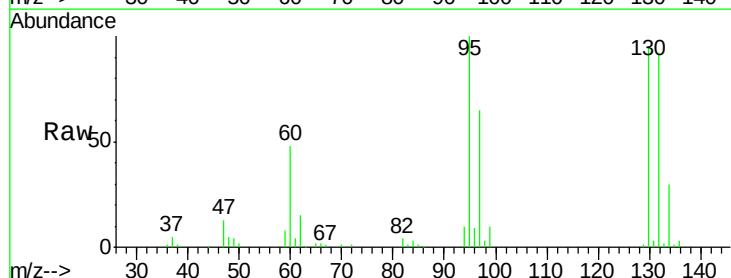
RT: 8.81 min Scan# 2190

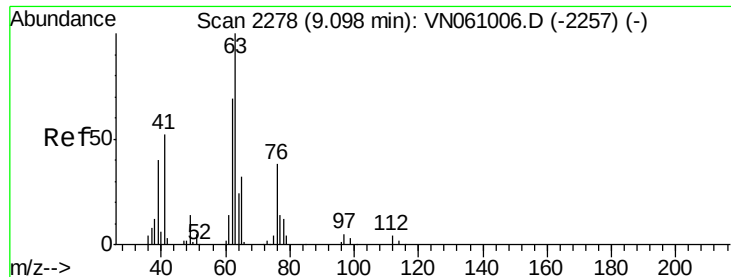
Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Tgt Ion:	130	Resp:	109804
Ion	Ratio	Lower	Upper
130	100		
95	105.0	0.0	210.0





#45

1,2-Dichloropropane

Concen: 52.888 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 118854

Ion Ratio Lower Upper

63 100

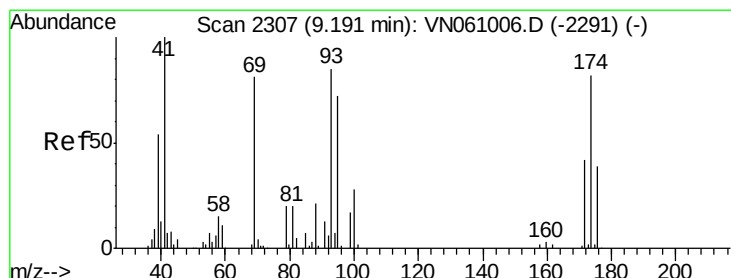
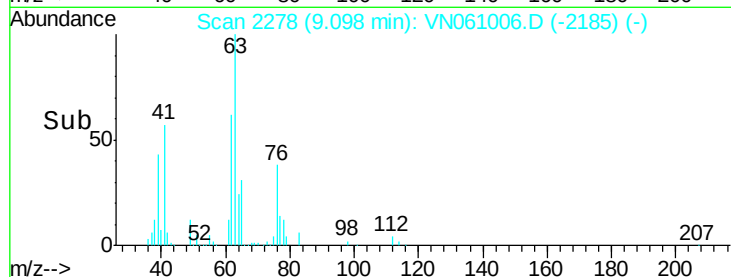
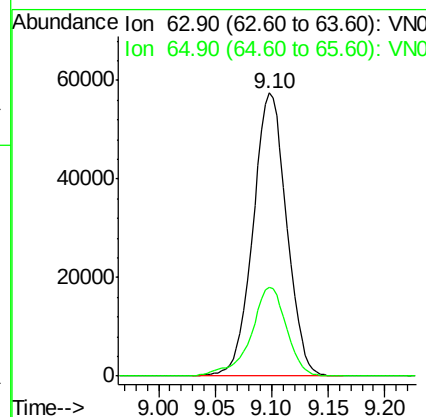
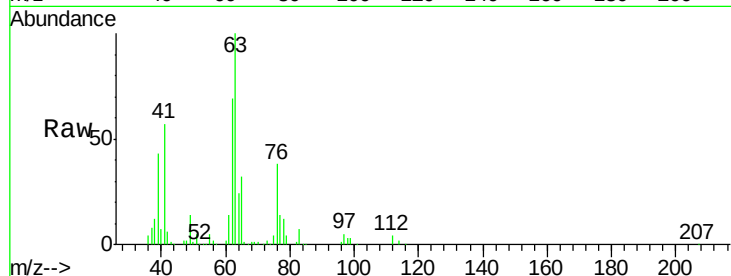
65 31.5 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

4/17/2020 11:53:06 AM



#46

Dibromomethane

Concen: 52.554 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

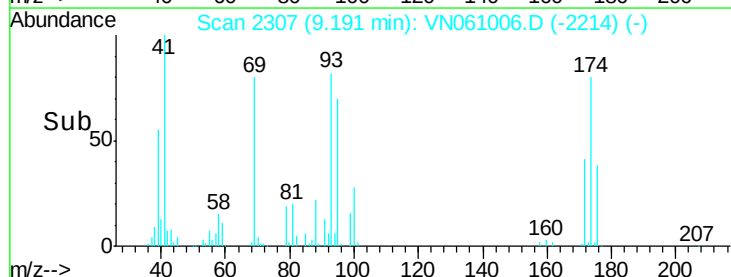
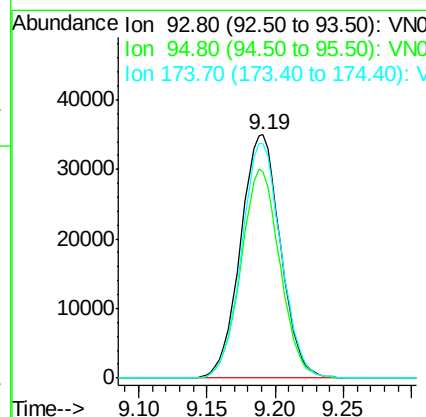
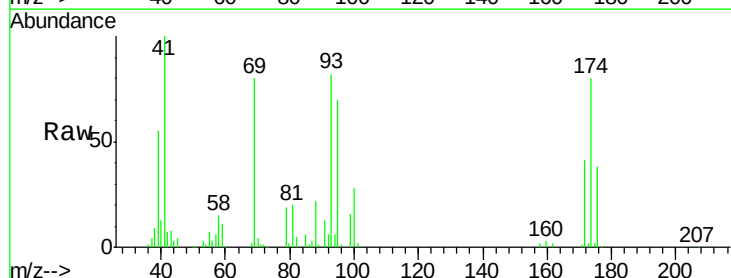
Tgt Ion: 93 Resp: 71057

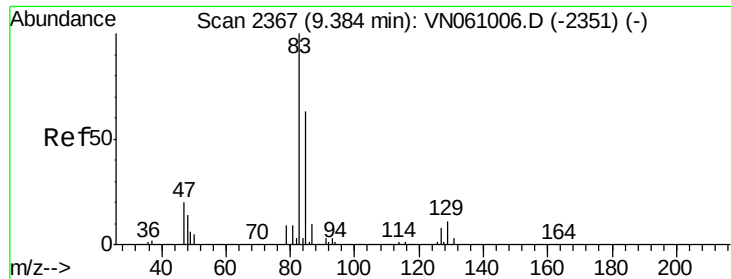
Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

174 95.3 76.2 114.4





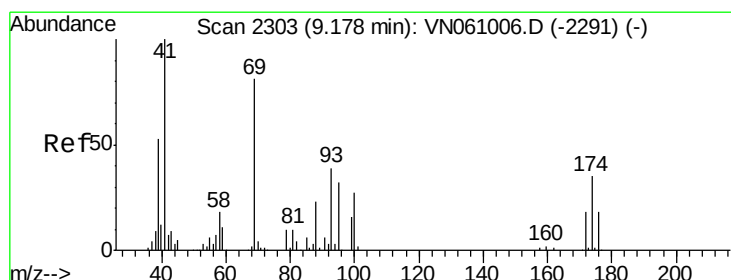
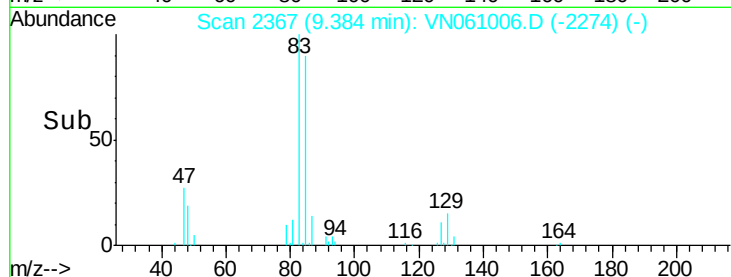
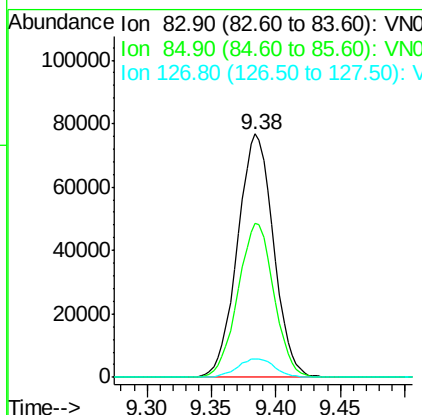
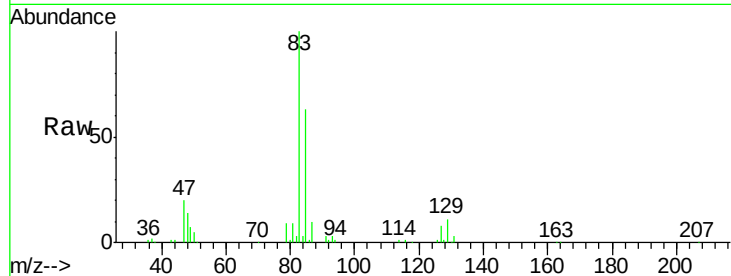
#47
Bromodichloromethane
Concen: 52.844 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	149010
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	50.6	76.0
127	7.6	6.1	9.1

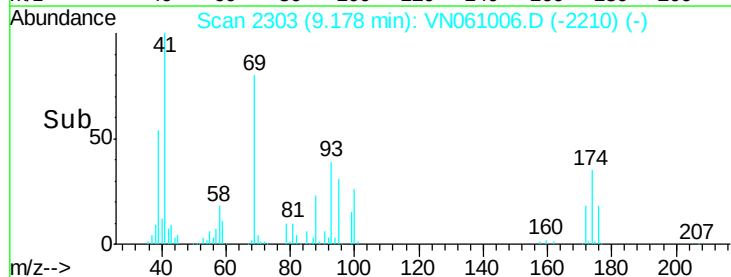
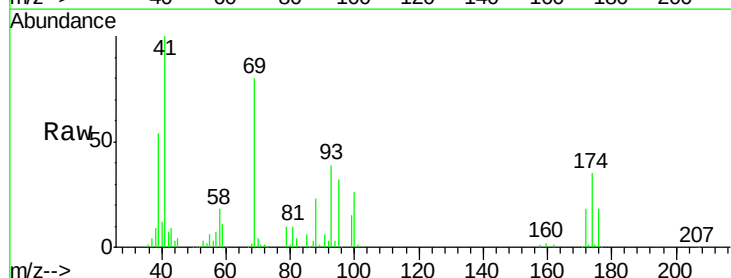
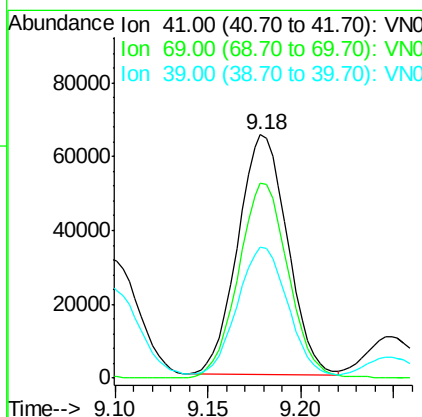
Manual Integrations
APPROVED

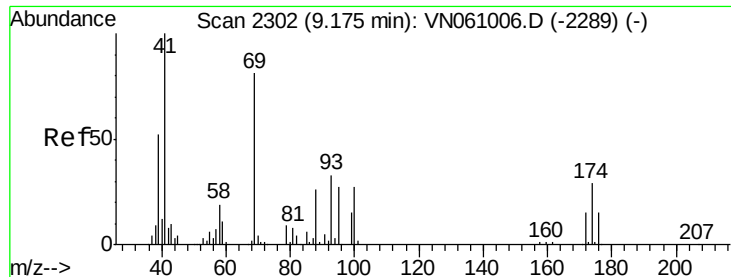
MMDadoda
4/17/2020 11:53:06 AM



#48
Methyl methacrylate
Concen: 53.915 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	41	Resp	121129
Ion Ratio	100	Lower	Upper
41	100		
69	81.6	65.3	97.9
39	56.5	45.2	67.8





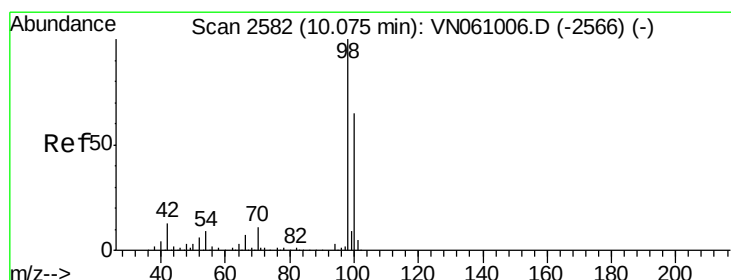
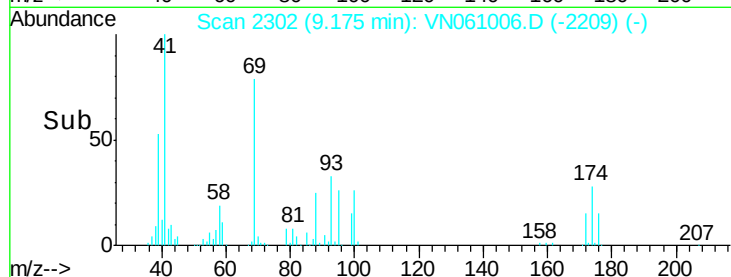
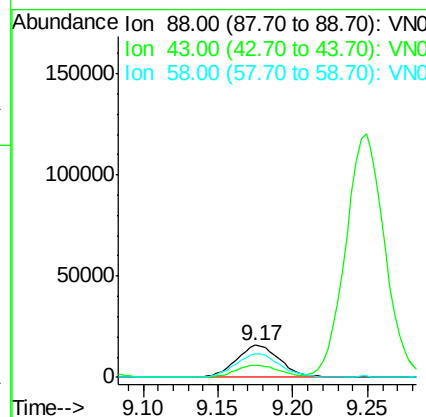
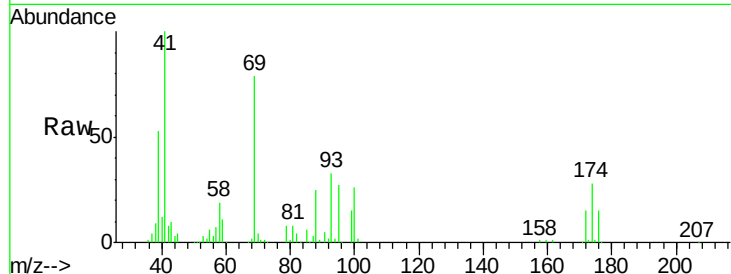
#49
1,4-Dioxane
Concen: 1189.157 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.6	30.9	46.3
58	74.8	59.8	89.8

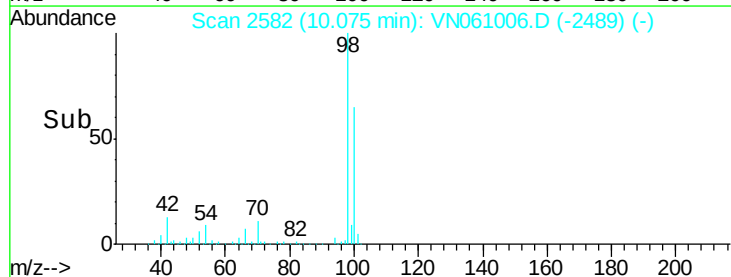
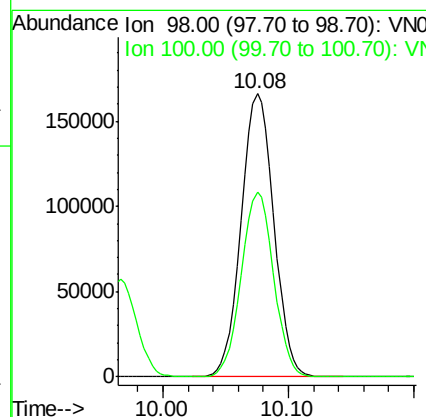
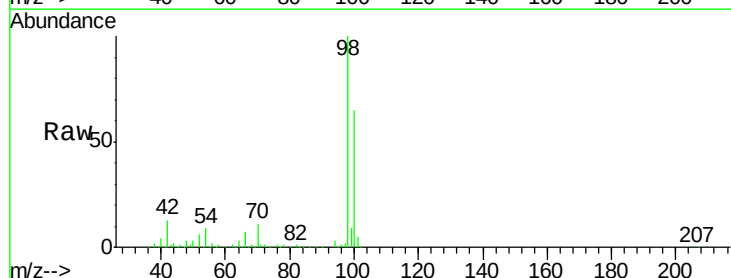
Manual Integrations
APPROVED

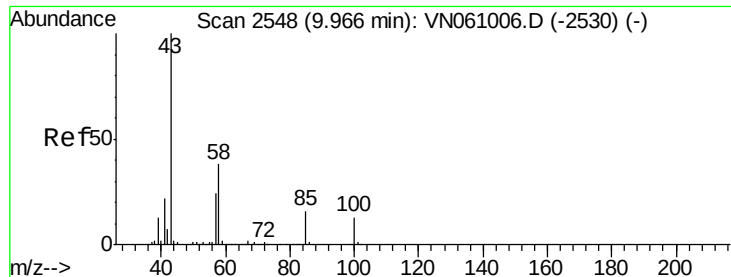
MMDadoda
4/17/2020 11:53:06 AM



#50
Toluene-d8
Concen: 43.623 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9





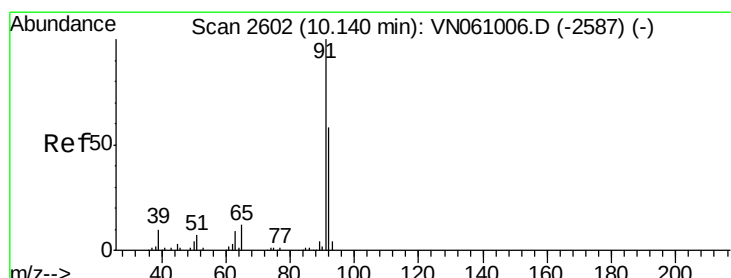
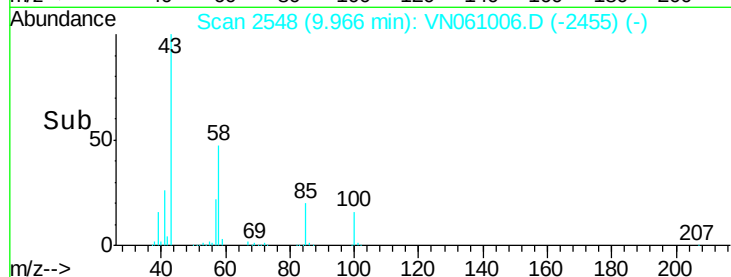
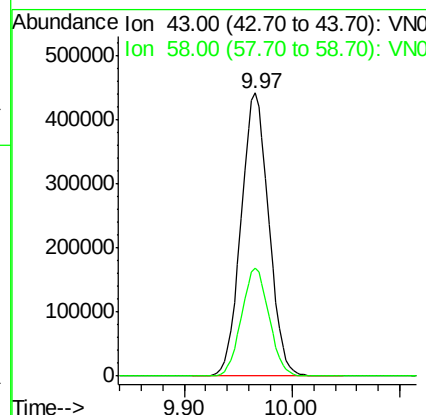
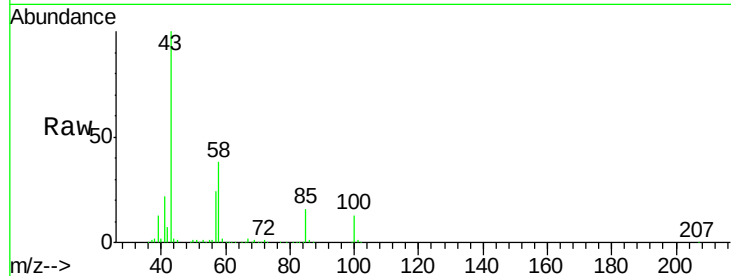
#51
 4-Methyl-2-Pentanone
 Concen: 274.362 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICCC050

Tot Ion	43	Resp	787459
Ion Ratio	100	Lower	Upper
43	100		
58	37.9	30.3	45.5

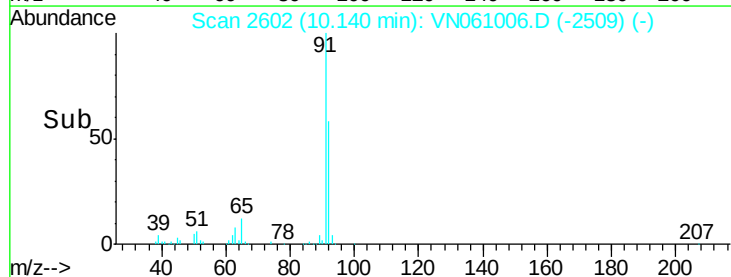
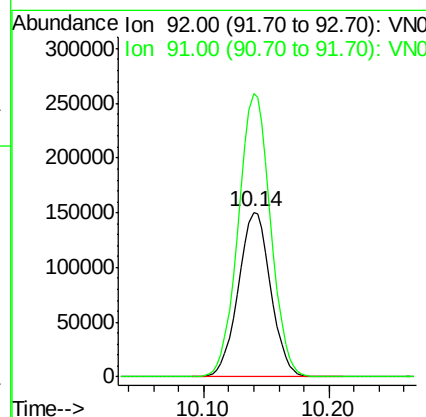
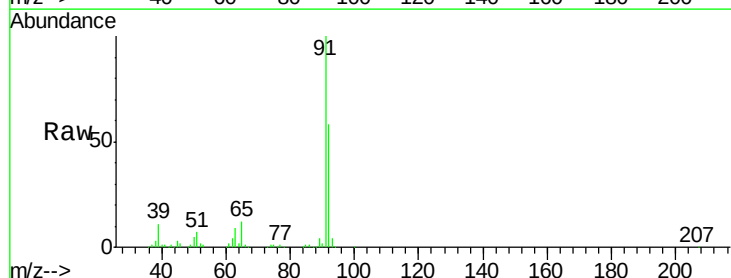
Manual Integrations
 APPROVED

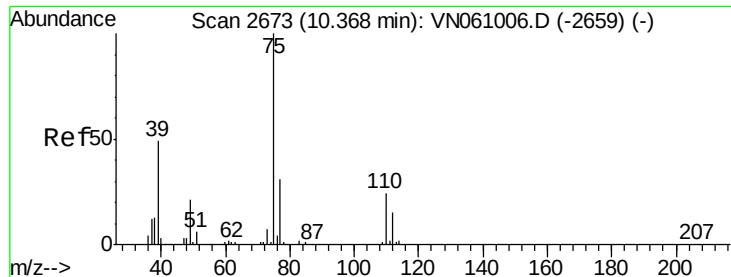
MMDadoda
 4/17/2020 11:53:06 AM



#52
 Toluene
 Concen: 52.473 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	92	Resp	269106
Ion Ratio	100	Lower	Upper
92	100		
91	172.1	137.7	206.5





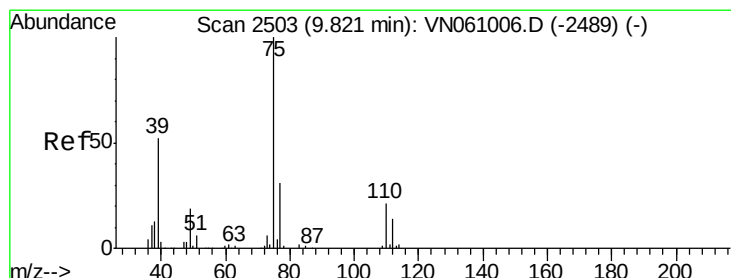
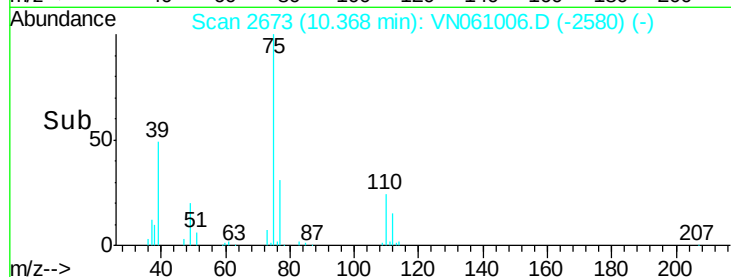
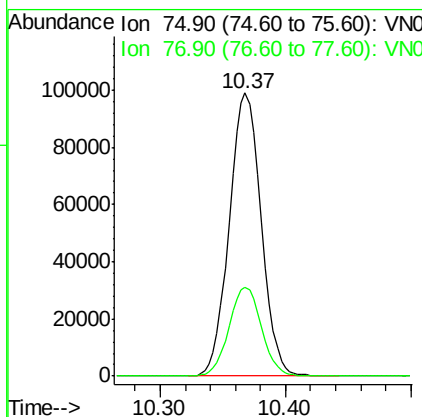
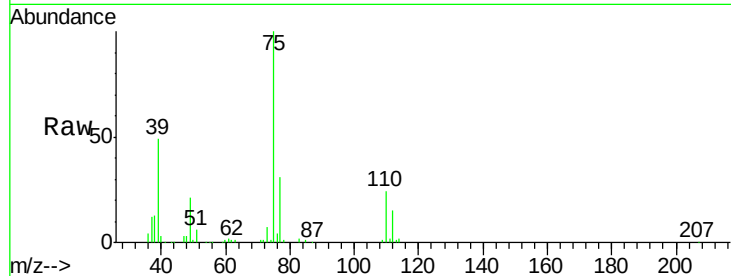
#53
 t-1,3-Dichloropropene
 Concen: 53.873 ug/l
 RT: 10.37 min Scan# 2673
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6

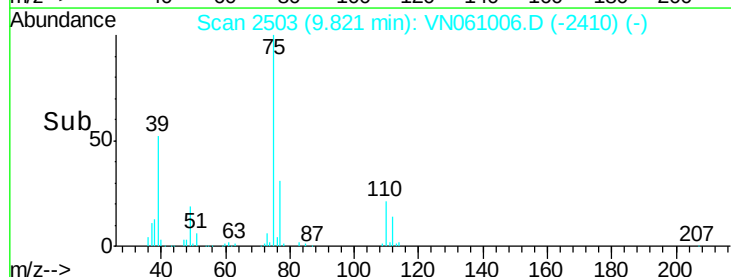
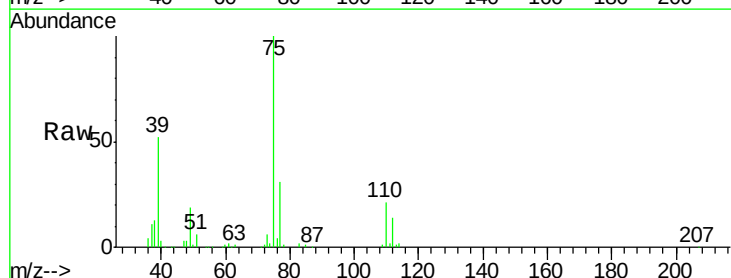
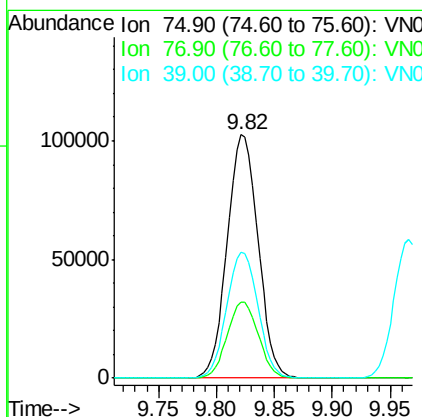
Manual Integrations
 APPROVED

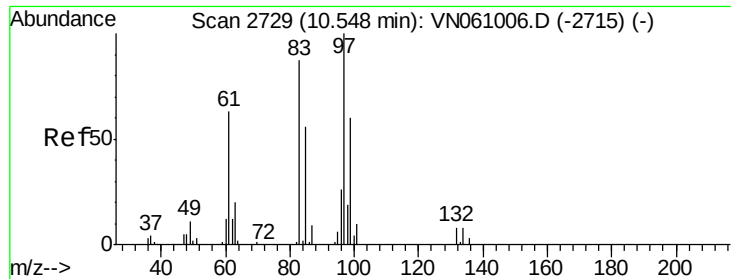
MMDadoda
 4/17/2020 11:53:06 AM



#54
 cis-1,3-Dichloropropene
 Concen: 53.094 ug/l
 RT: 9.82 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6
39	51.8	41.4	62.2





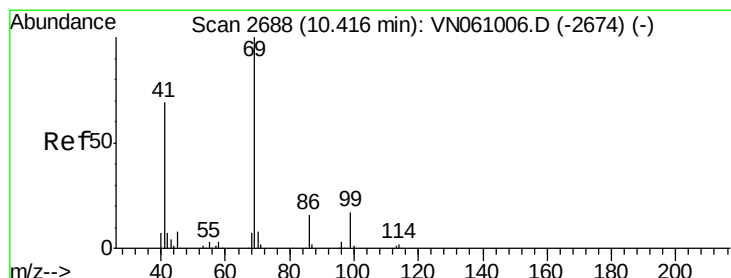
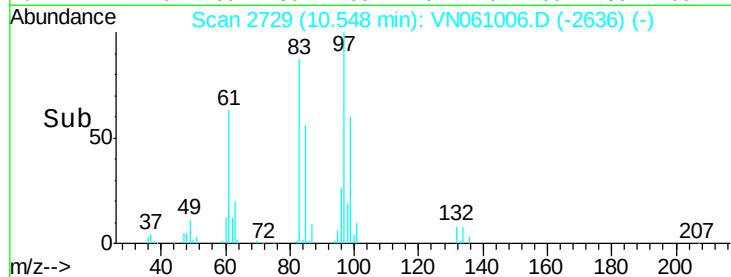
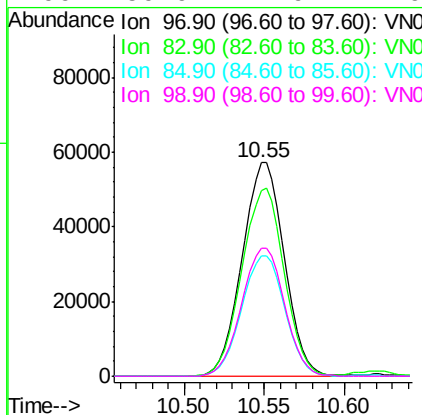
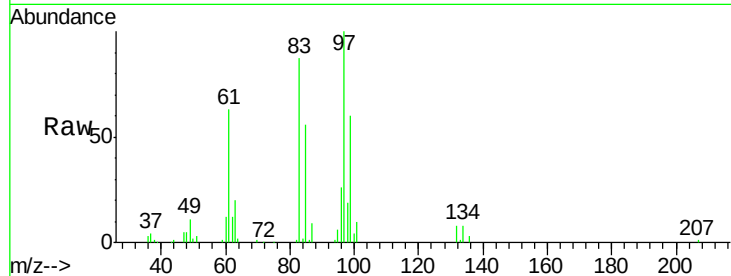
#55
 1,1,2-Trichloroethane
 Concen: 52.206 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion:	97	Resp:	102992
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.5	104.3
85	56.2	45.0	67.4
99	59.9	47.9	71.9

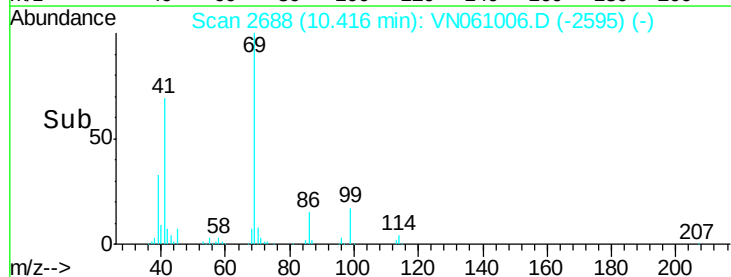
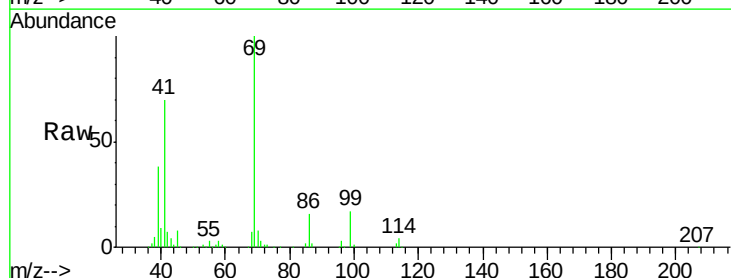
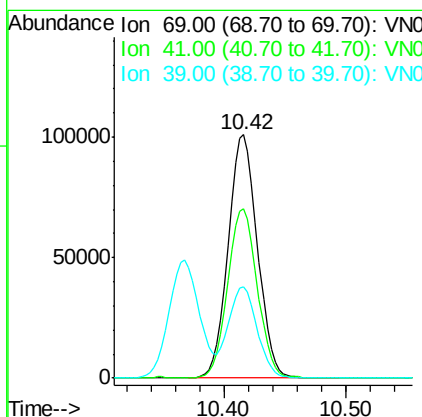
Manual Integrations
 APPROVED

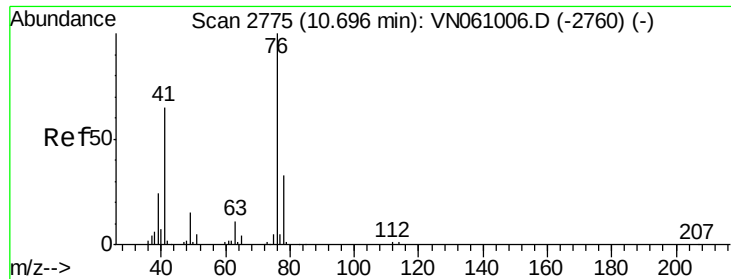
MMDadoda
 4/17/2020 11:53:06 AM



#56
 Ethyl methacrylate
 Concen: 54.929 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion:	69	Resp:	169153
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.7	85.1
39	36.7	29.4	44.0





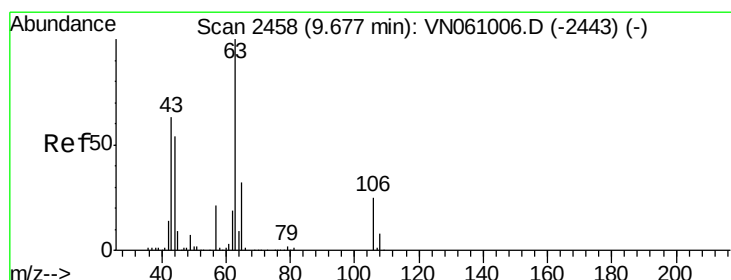
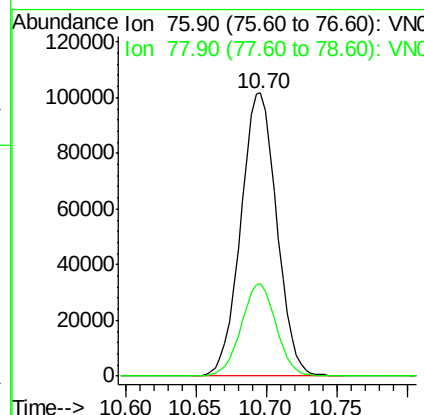
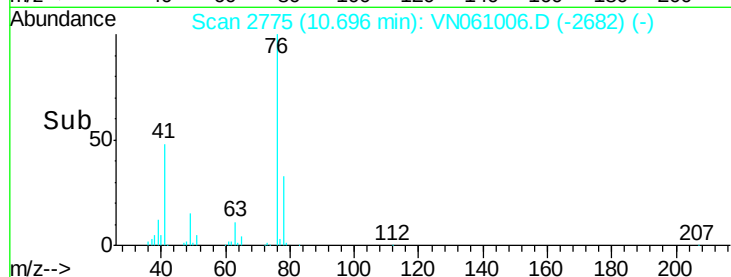
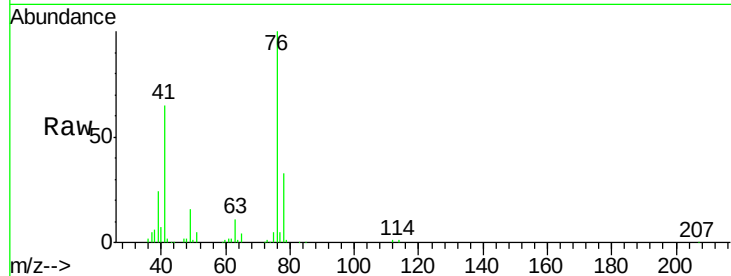
#57
 1,3-Dichloropropane
 Concen: 52.957 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 181650
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.4 38.0

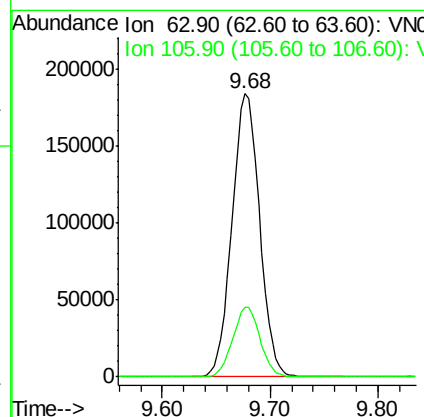
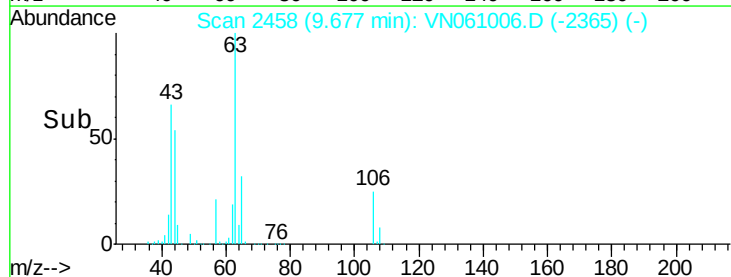
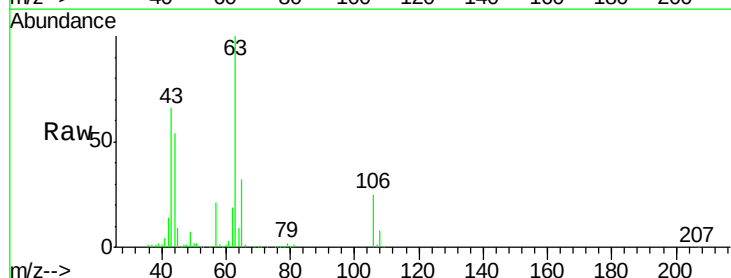
Manual Integrations
 APPROVED

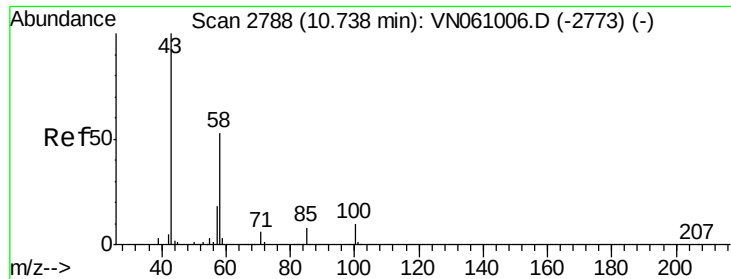
MMDadoda
 4/17/2020 11:53:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 223.312 ug/l
 RT: 9.68 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion: 63 Resp: 328077
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.5 29.3





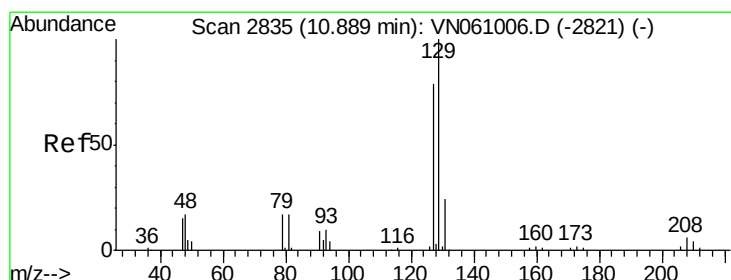
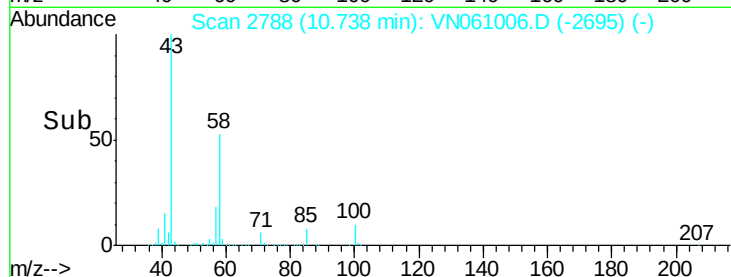
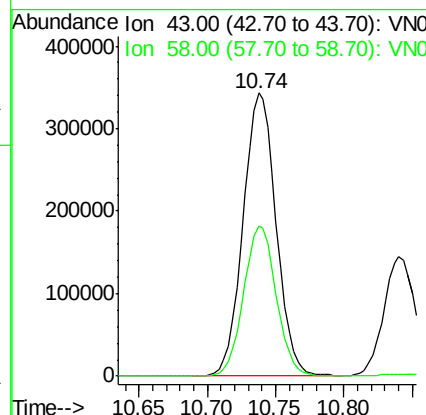
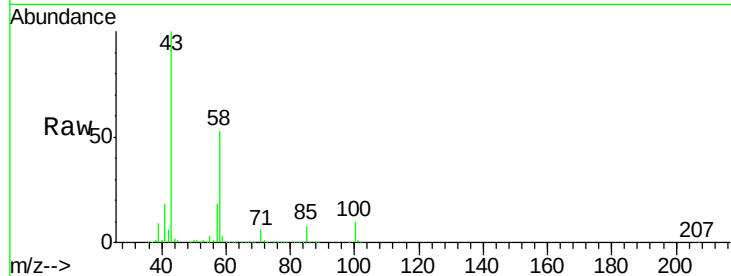
#59
2-Hexanone
Concen: 277.864 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 574289
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.0

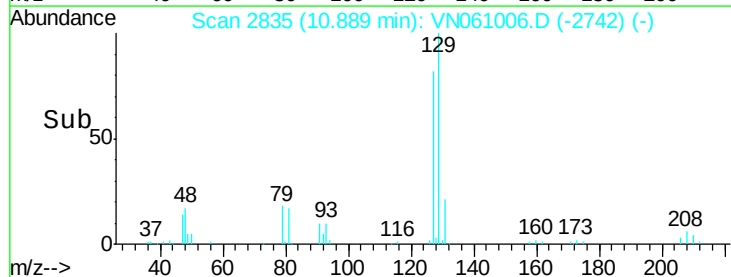
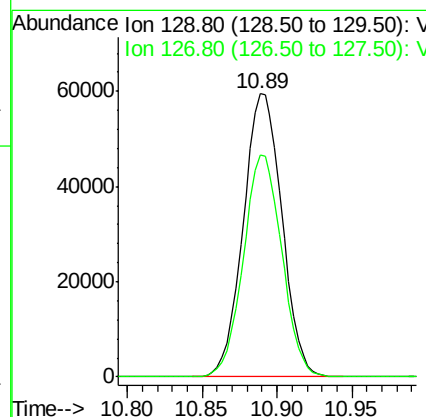
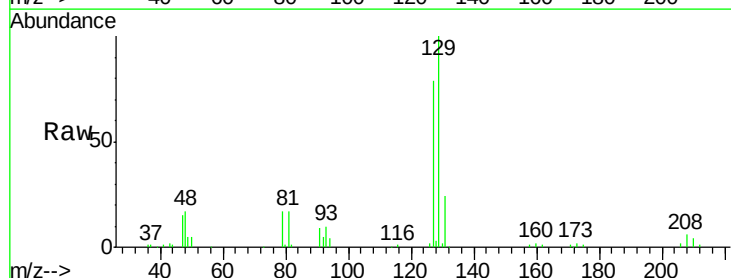
Manual Integrations
APPROVED

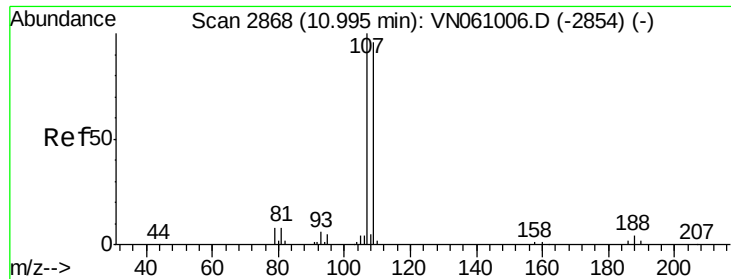
MMDadoda
4/17/2020 11:53:06 AM



#60
Dibromochloromethane
Concen: 52.727 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 129 Resp: 107090
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9





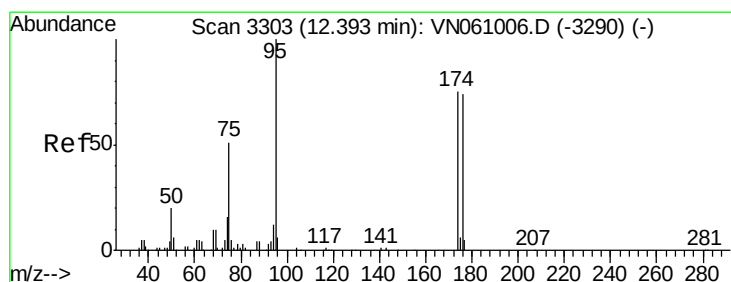
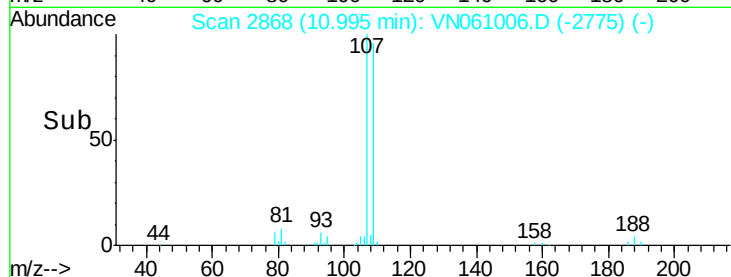
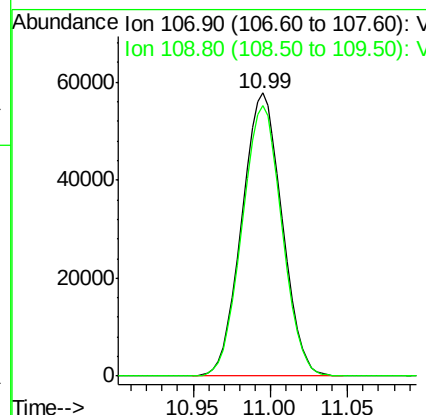
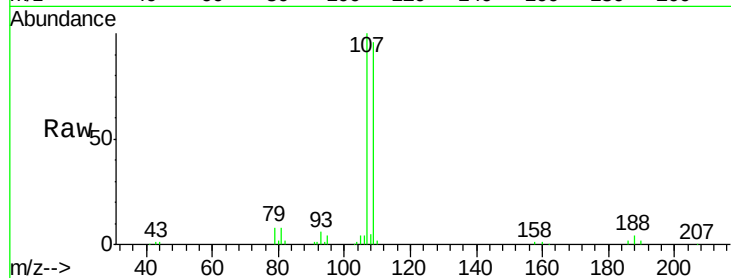
#61
 1,2-Dibromoethane
 Concen: 52.773 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.9	113.9

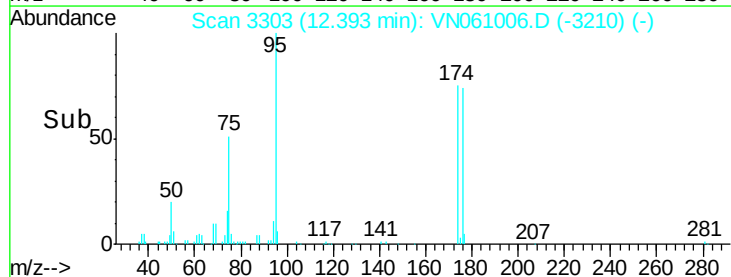
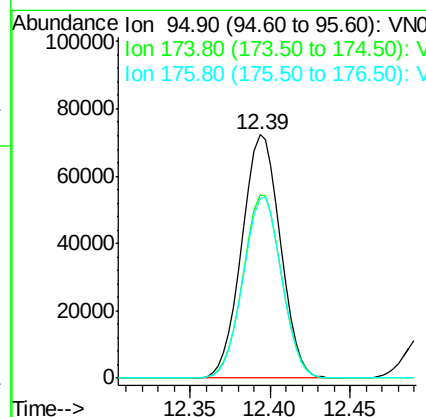
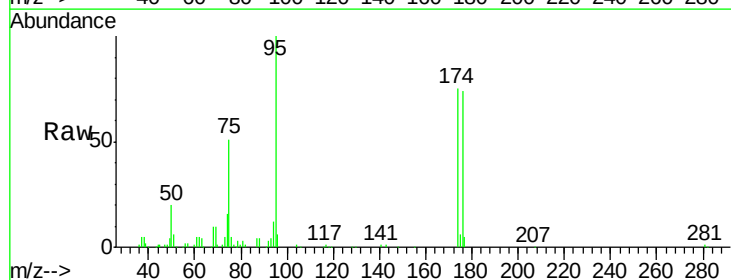
Manual Integrations
 APPROVED

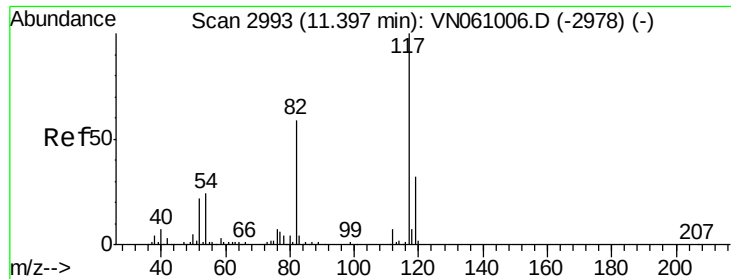
MMDadoda
 4/17/2020 11:53:06 AM



#62
 4-Bromofluorobenzene
 Concen: 46.268 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	151.2
176	74.1	0.0	148.2





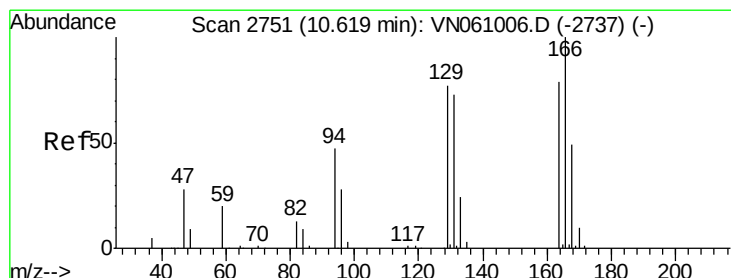
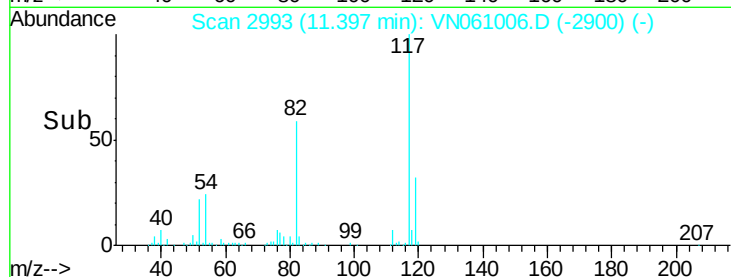
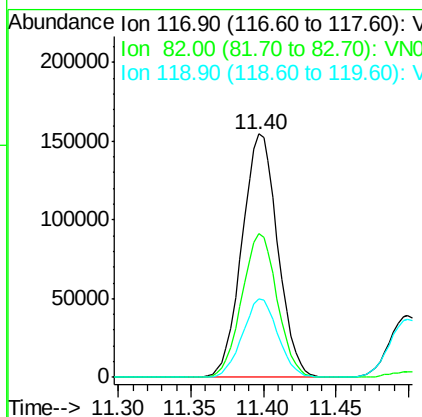
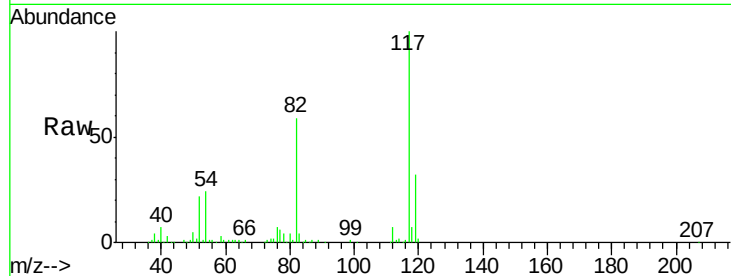
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.1	70.7
119	32.1	25.7	38.5

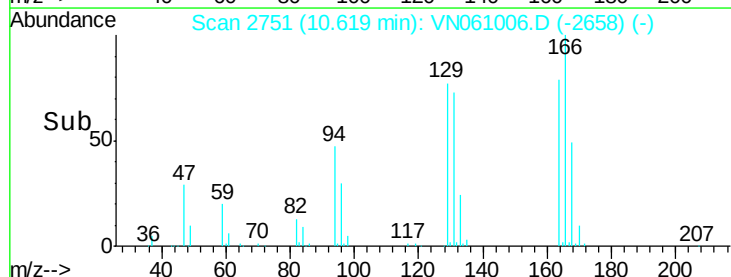
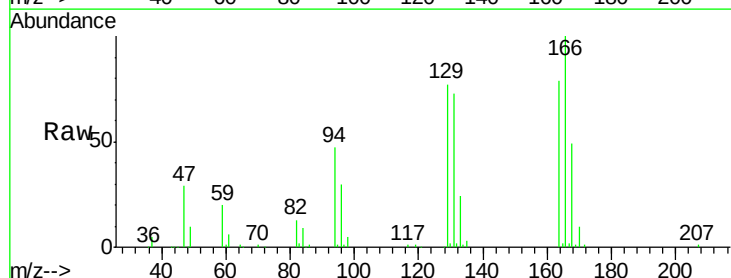
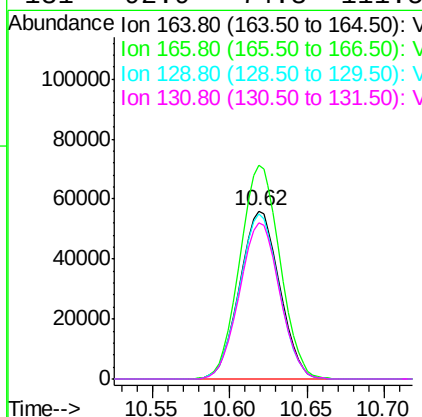
Manual Integrations
APPROVED

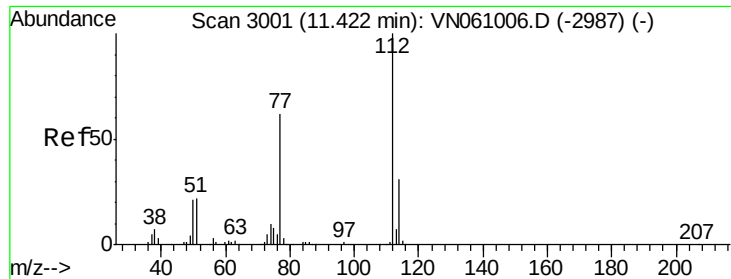
MMDadoda
4/17/2020 11:53:06 AM



#64
Tetrachloroethene
Concen: 48.534 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	101.6	152.4
129	98.1	78.5	117.7
131	92.9	74.3	111.5





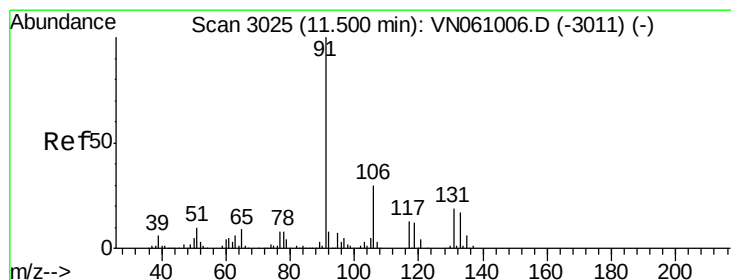
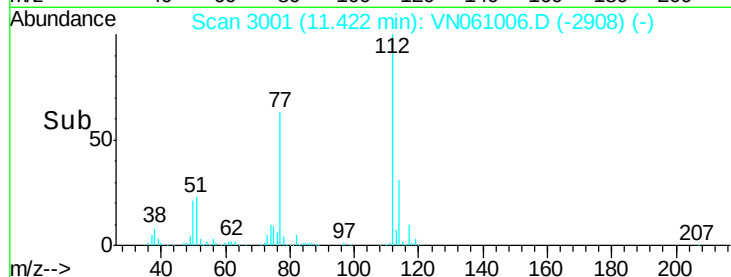
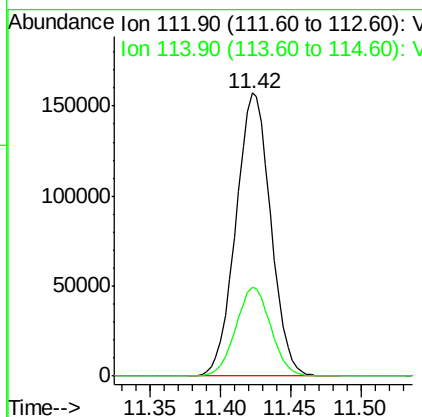
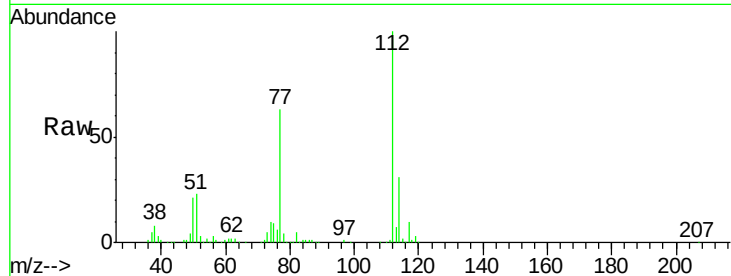
#65
Chlorobenzene
Concen: 51.563 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

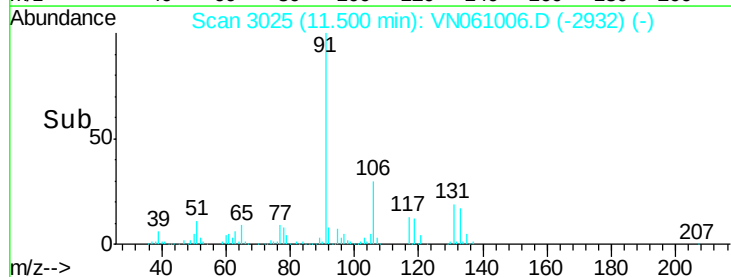
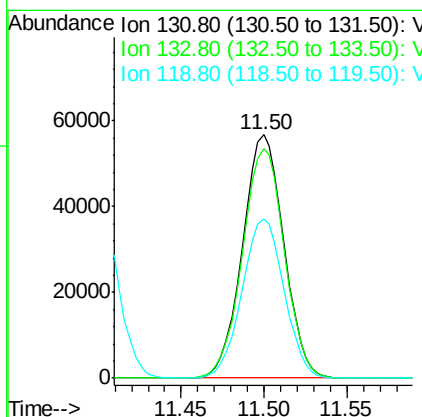
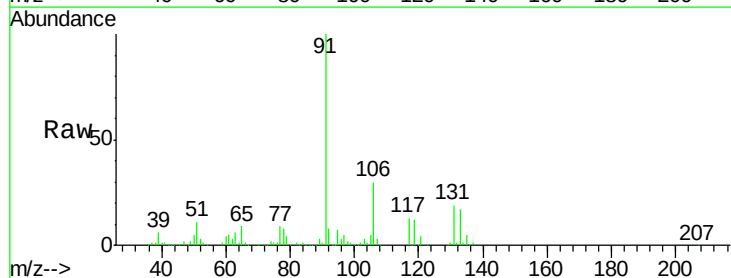
Manual Integrations
APPROVED

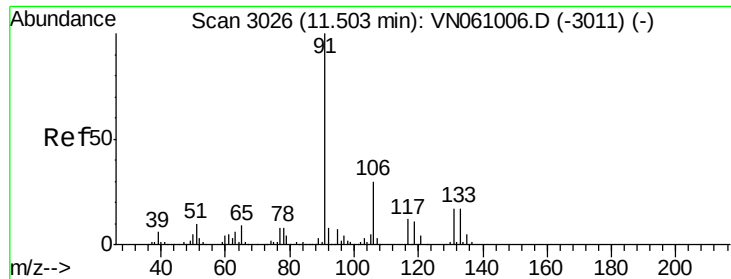
MMDadoda
4/17/2020 11:53:06 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.343 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.9	143.8
119	66.5	33.3	99.8





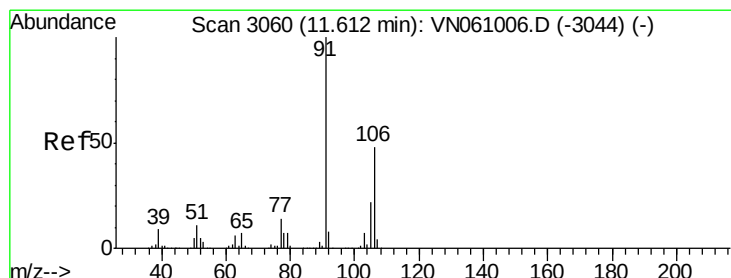
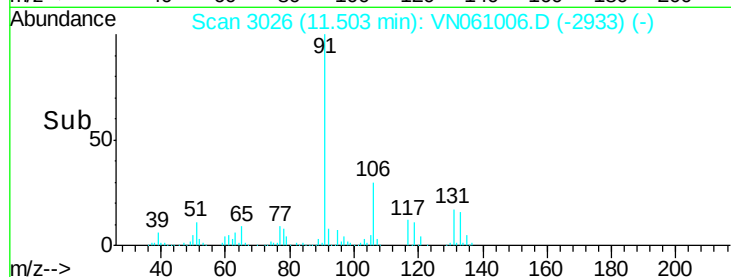
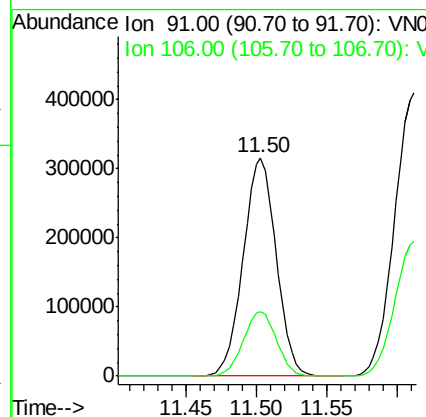
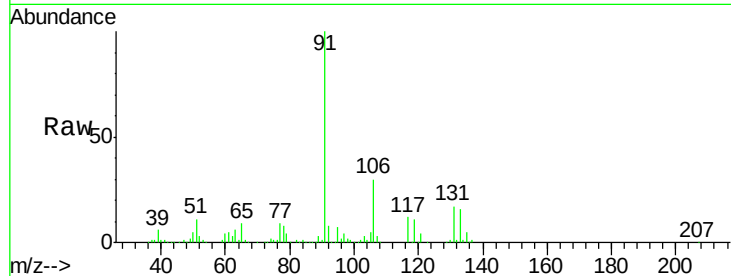
#67
Ethyl Benzene
Concen: 52.627 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 517069
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8

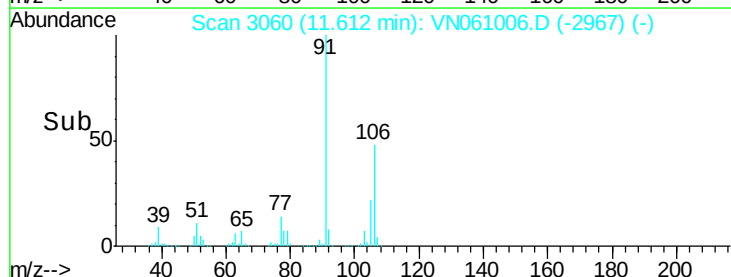
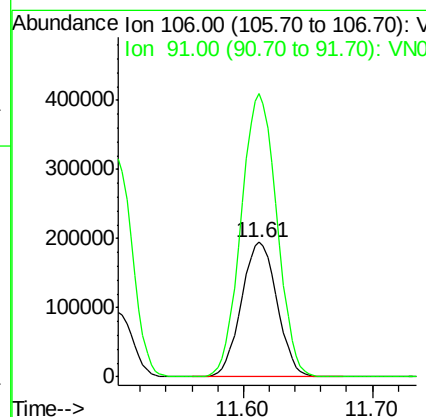
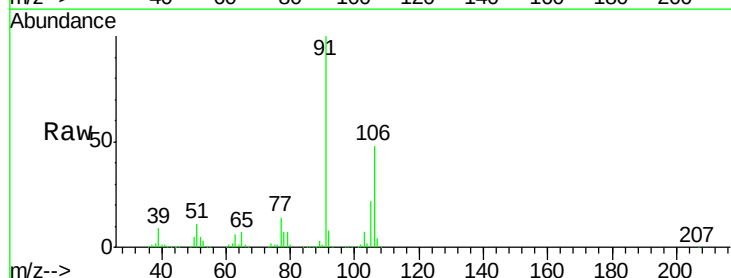
Manual Integrations
APPROVED

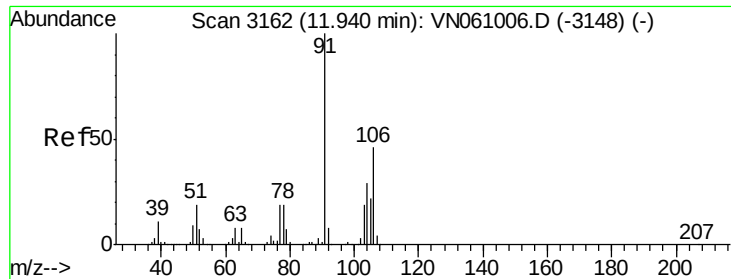
MMDadoda
4/17/2020 11:53:06 AM



#68
m/p-Xylenes
Concen: 103.023 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion: 106 Resp: 374634
Ion Ratio Lower Upper
106 100
91 209.9 167.9 251.9





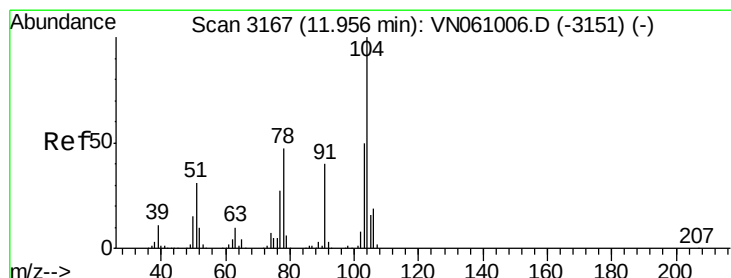
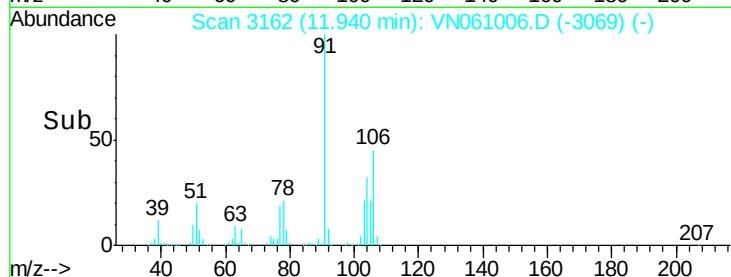
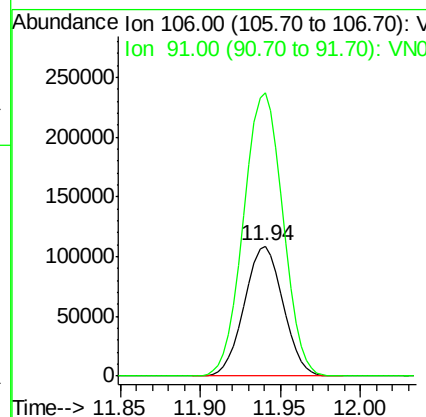
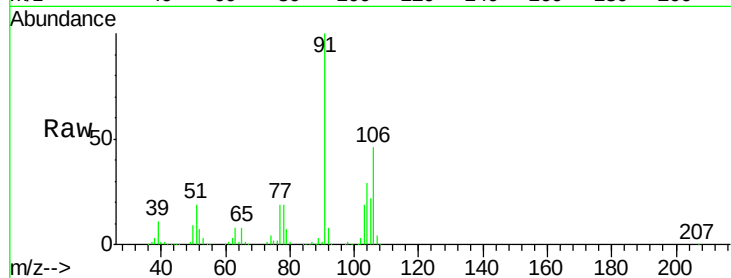
#69
o-Xylene
Concen: 51.722 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.4	110.7	332.1

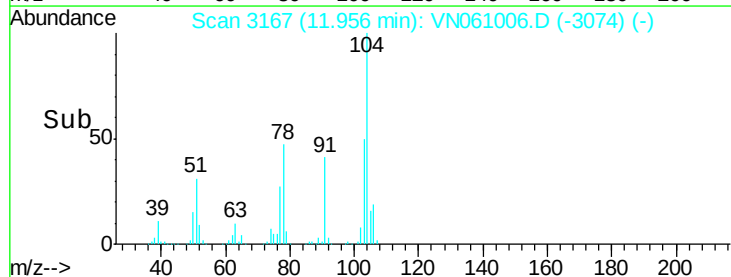
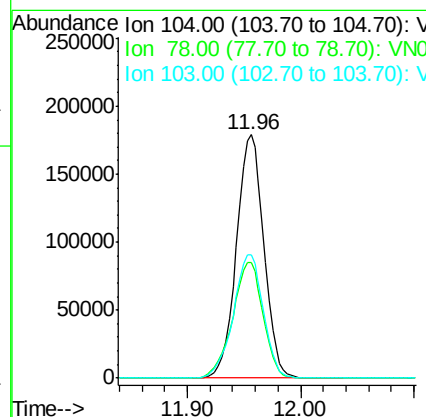
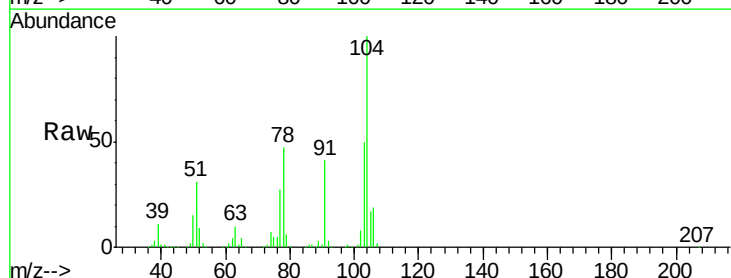
Manual Integrations
APPROVED

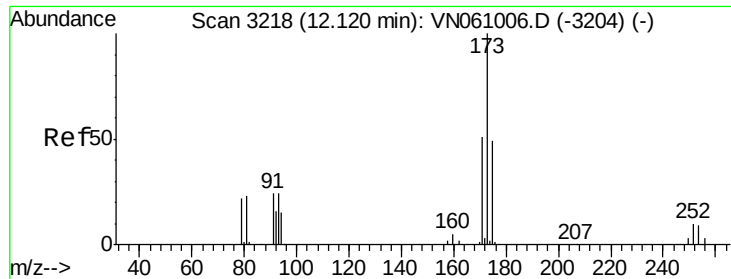
MMDadoda
4/17/2020 11:53:06 AM



#70
Styrene
Concen: 53.031 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	55.5	44.4	66.6





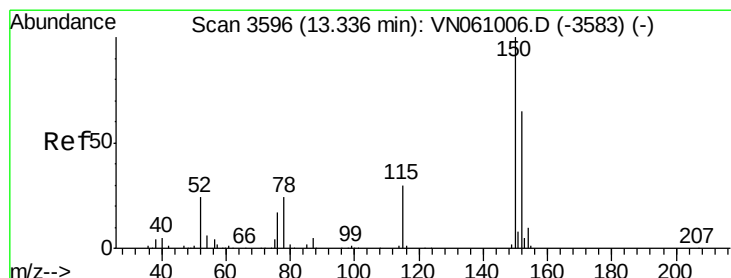
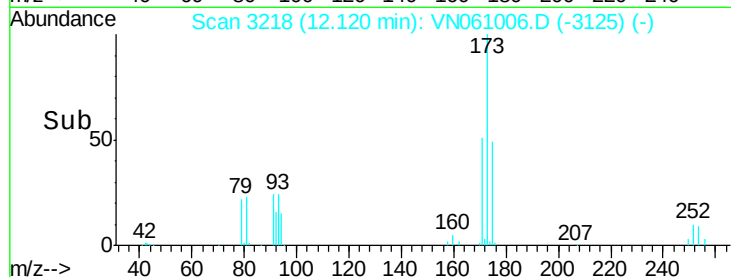
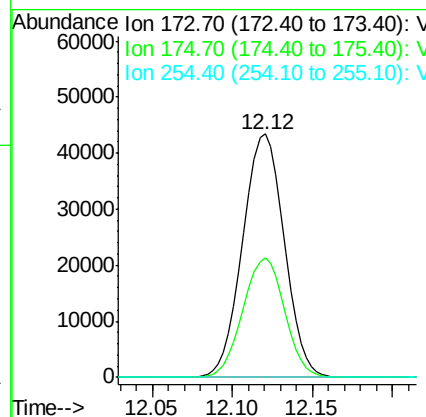
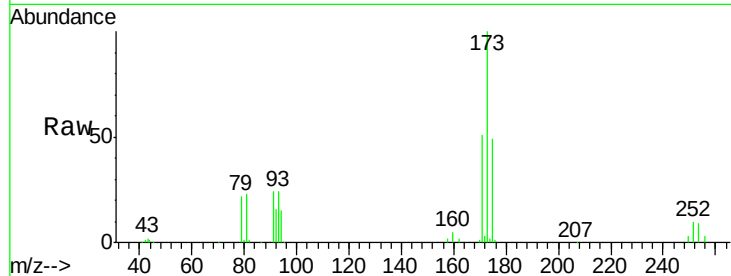
#71
Bromoform
Concen: 54.206 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.0	0.0	0.0

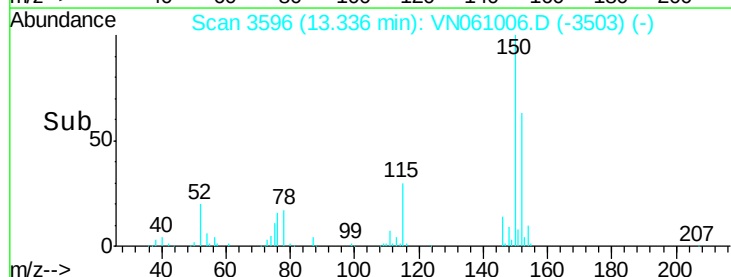
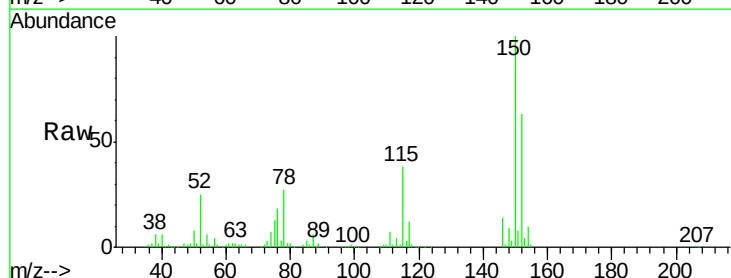
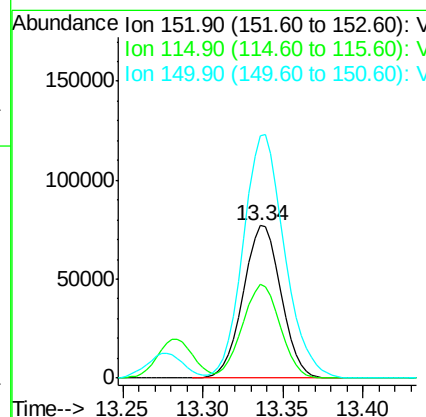
Manual Integrations
APPROVED

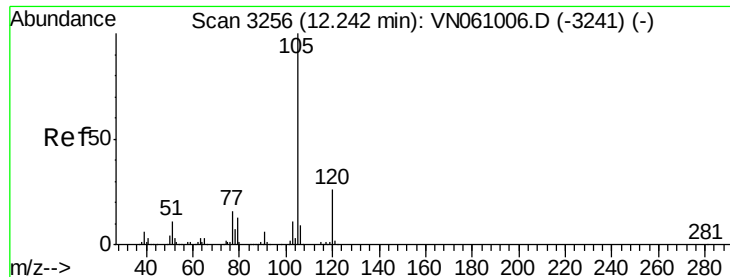
MMDadoda
4/17/2020 11:53:06 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.8	92.4
150	174.5	0.0	349.0





#73

Isopropylbenzene

Concen: 51.633 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 485382

Ion Ratio Lower Upper

105 100

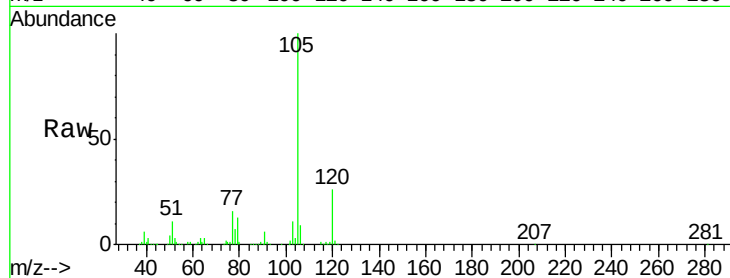
120 25.9 13.0 38.9

Manual Integrations

APPROVED

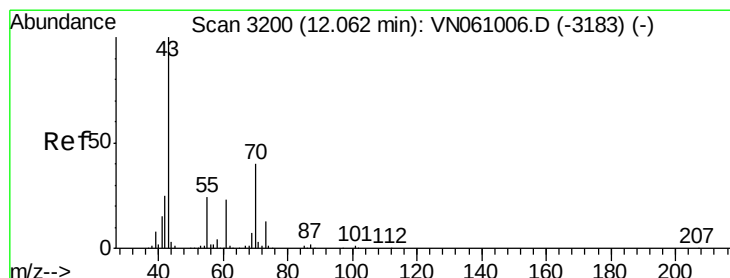
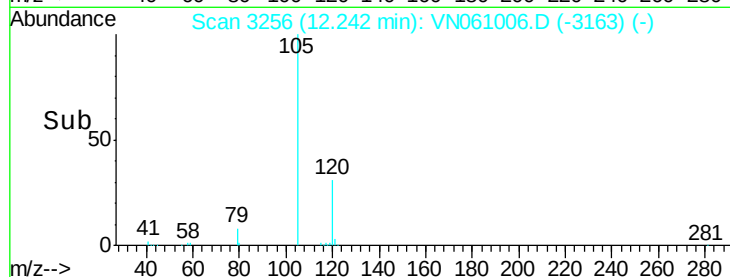
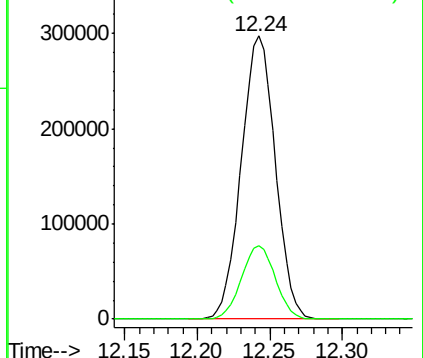
MMDadoda

4/17/2020 11:53:06 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.146 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Tgt Ion: 43 Resp: 231817

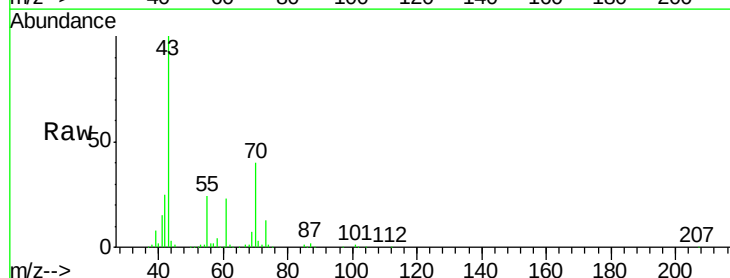
Ion Ratio Lower Upper

43 100

70 38.8 31.0 46.6

55 23.2 18.6 27.8

61 22.8 18.2 27.4

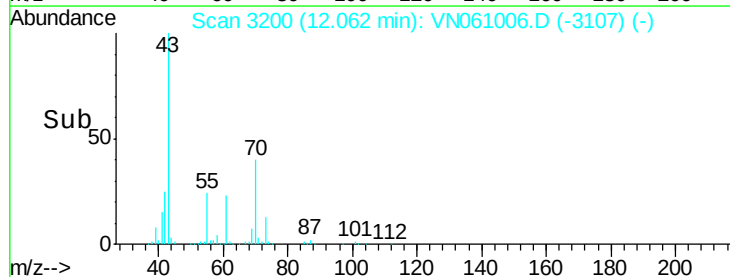
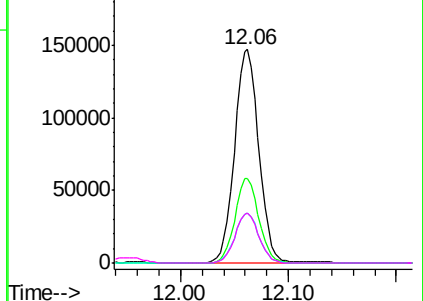


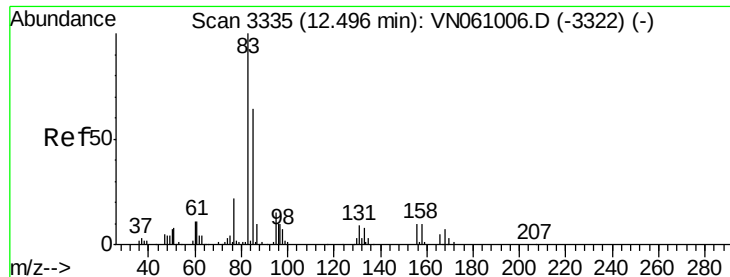
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.531 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 83 Resp: 150105
Ion Ratio Lower Upper

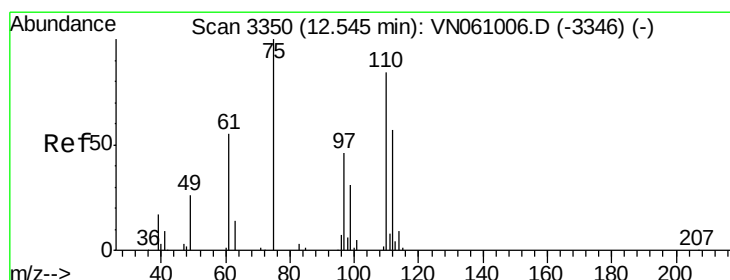
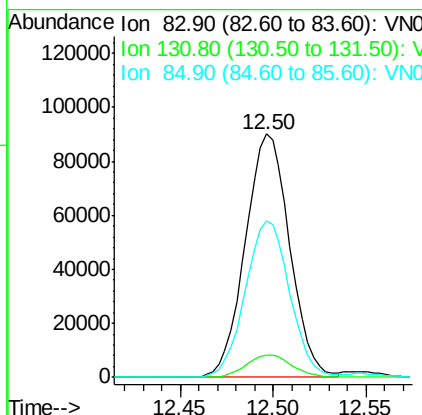
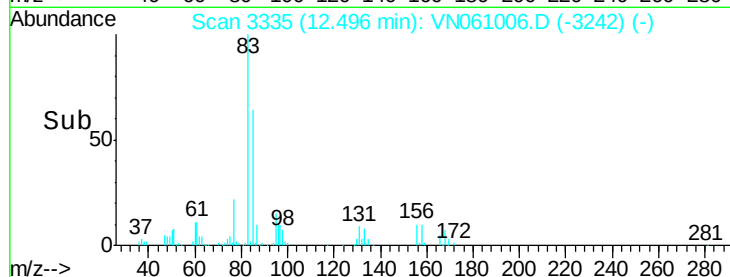
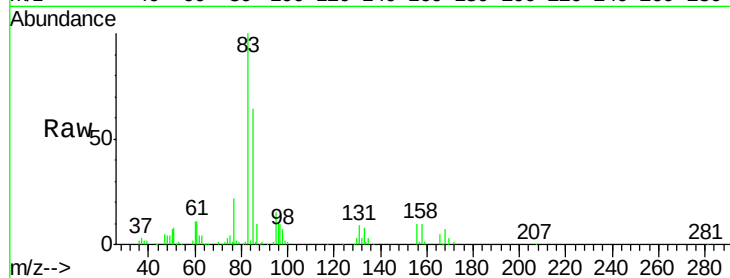
83 100

131 9.5 4.8 14.3

85 64.5 32.3 96.8

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:53:06 AM



#76

1,2,3-Trichloropropane

Concen: 48.741 ug/l m

RT: 12.54 min Scan# 3350

Delta R.T. 0.00 min

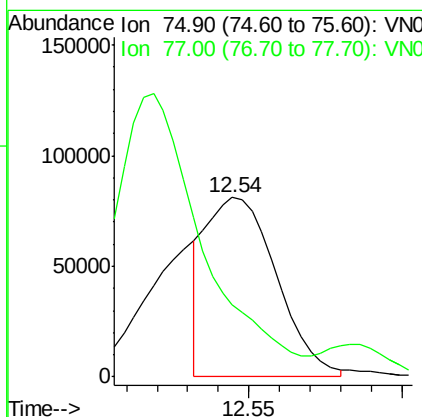
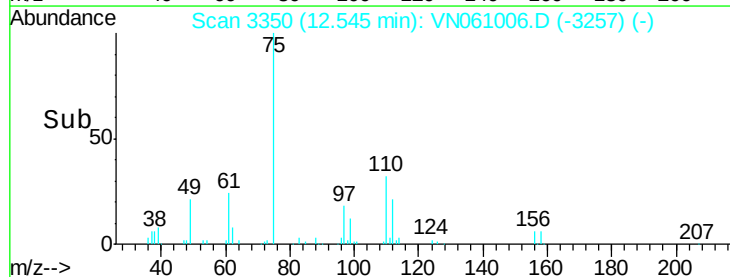
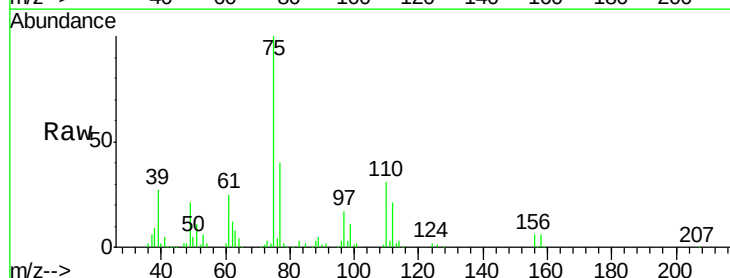
Lab File: VN061006.D

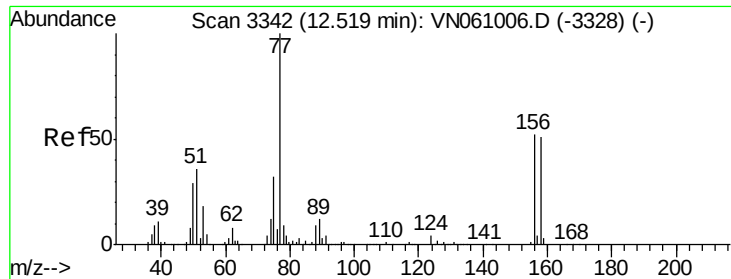
Acq: 16 Apr 2020 12:18

Tgt Ion: 75 Resp: 131471
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.919 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

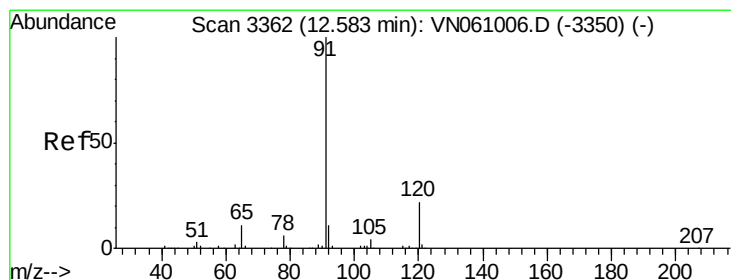
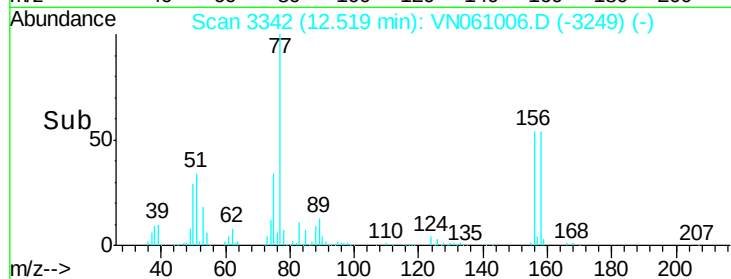
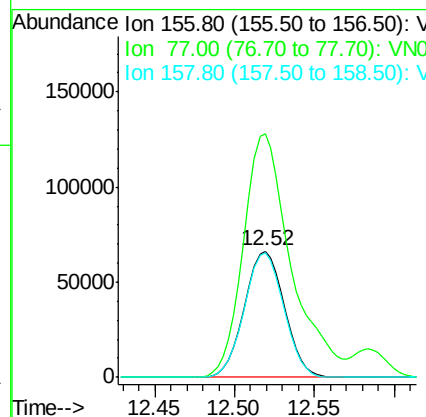
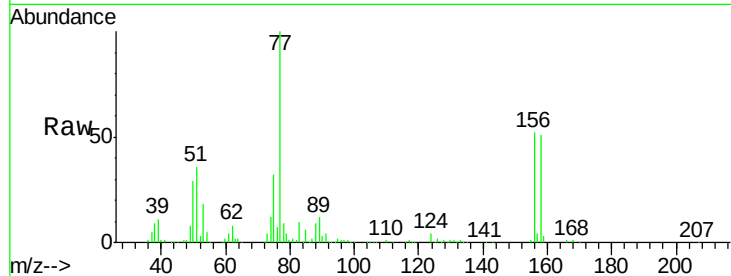
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	231.2		115.6	346.8	
158	97.7		48.9	146.6	

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:53:06 AM



#78

n-propylbenzene

Concen: 52.513 ug/l

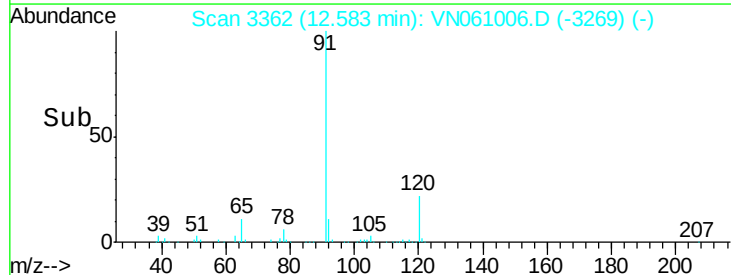
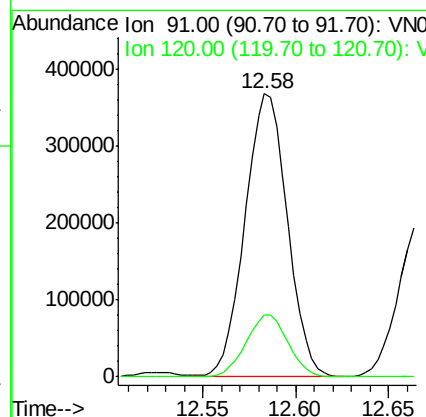
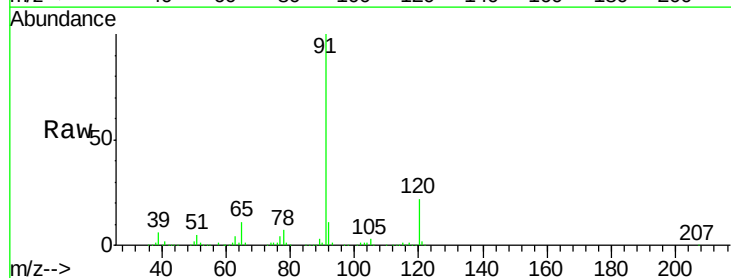
RT: 12.58 min Scan# 3362

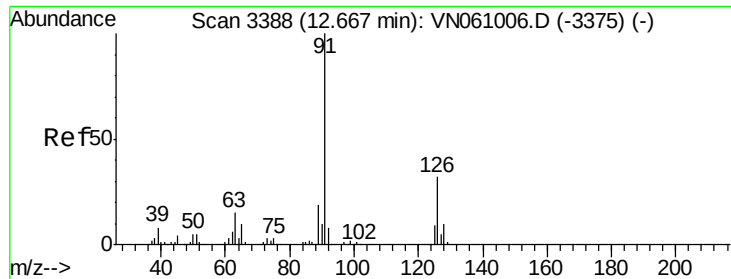
Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	21.8		10.9	32.7	





#79

2-Chlorotoluene

Concen: 50.792 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 336818

Ion Ratio Lower Upper

91 100

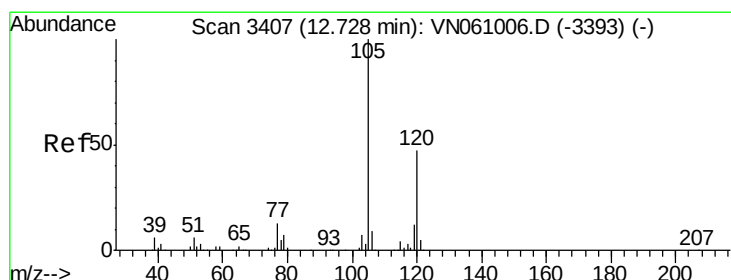
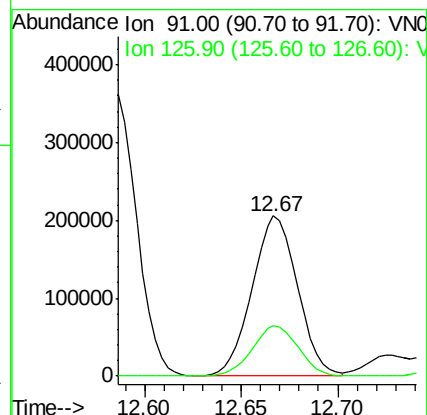
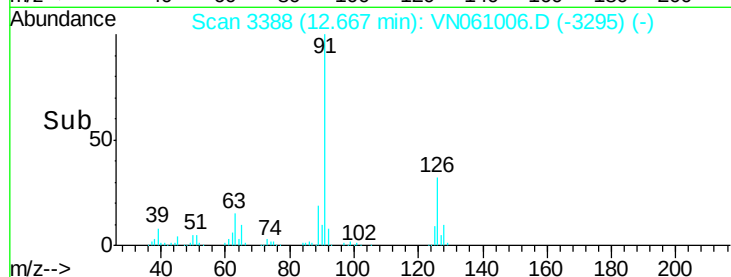
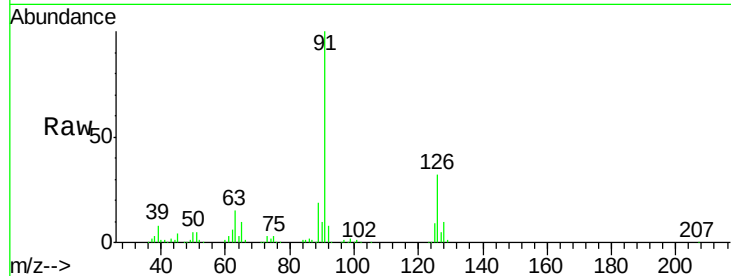
126 32.1 16.1 48.2

Manual Integrations

APPROVED

MMDadoda

4/17/2020 11:53:06 AM



#80

1,3,5-Trimethylbenzene

Concen: 51.765 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN061006.D

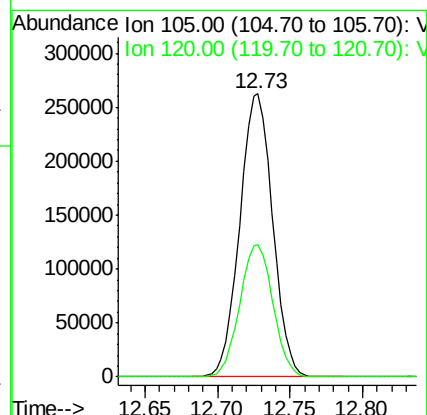
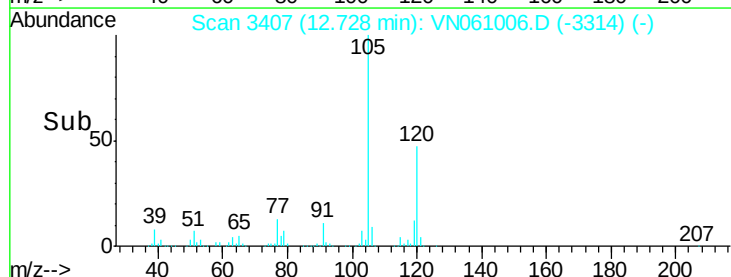
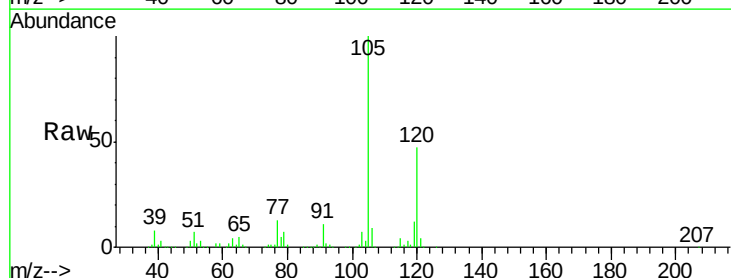
Acq: 16 Apr 2020 12:18

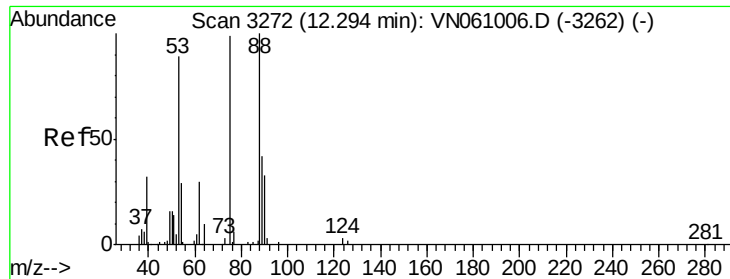
Tgt Ion: 105 Resp: 413281

Ion Ratio Lower Upper

105 100

120 47.2 23.6 70.8





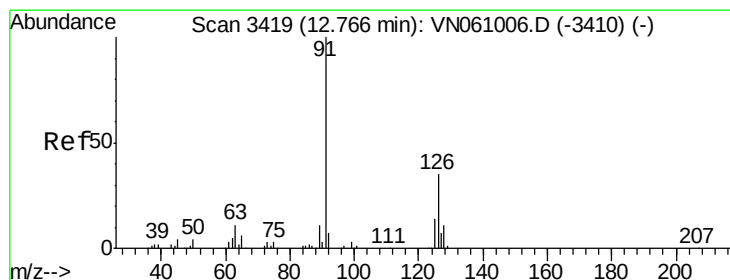
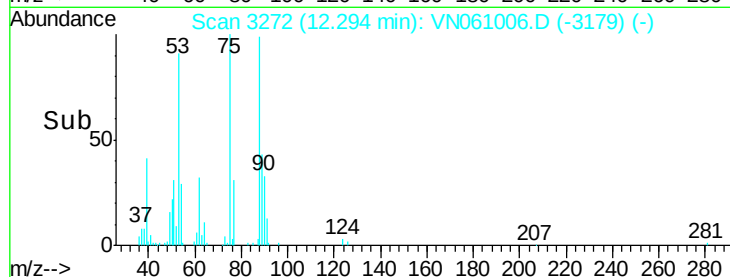
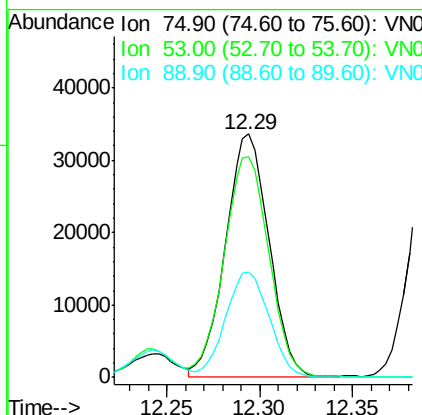
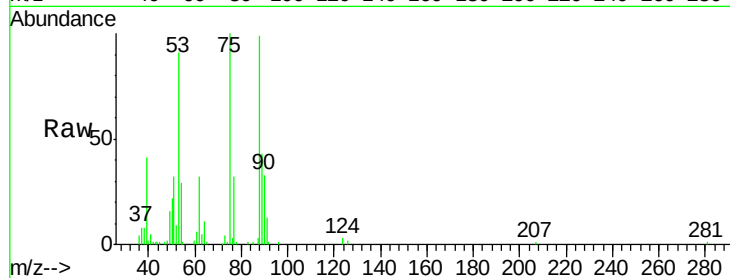
#81
trans-1,4-Dichloro-2-butene
Concen: 52.169 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.4	74.7	112.1
89	43.3	34.6	52.0

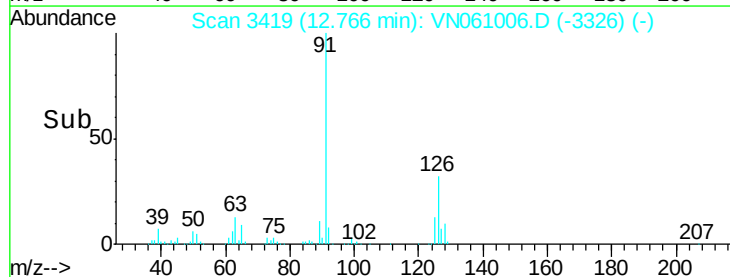
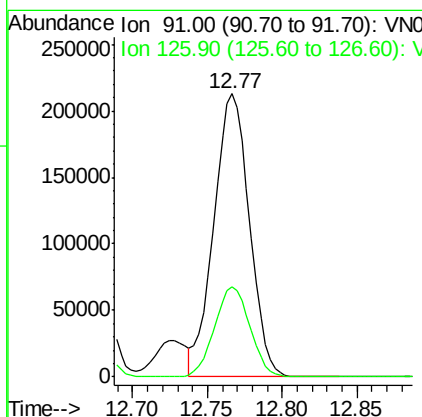
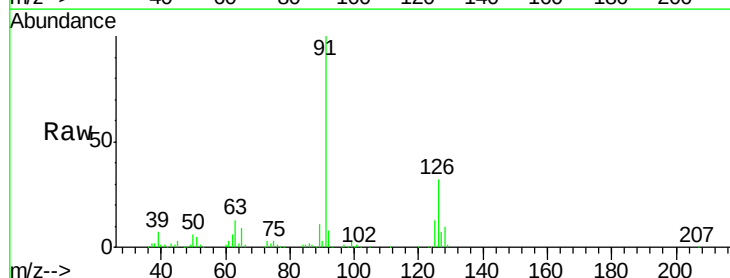
Manual Integrations
APPROVED

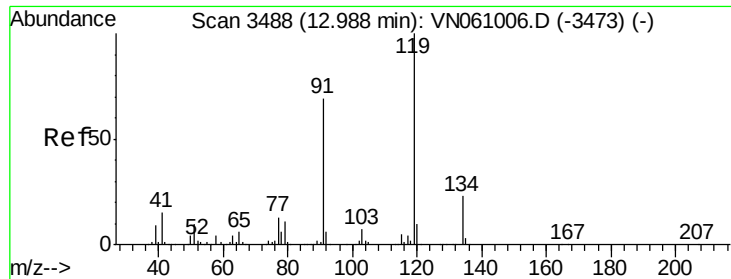
MMDadoda
4/17/2020 11:53:06 AM



#82
4-Chlorotoluene
Concen: 51.961 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.9	47.6





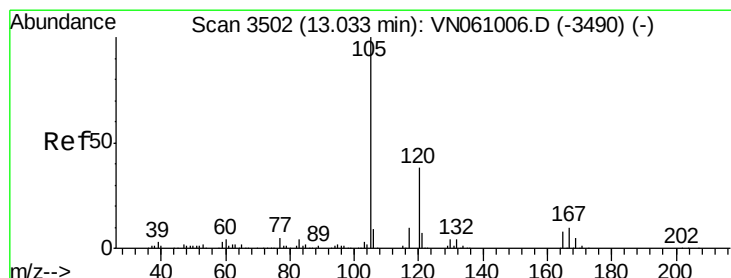
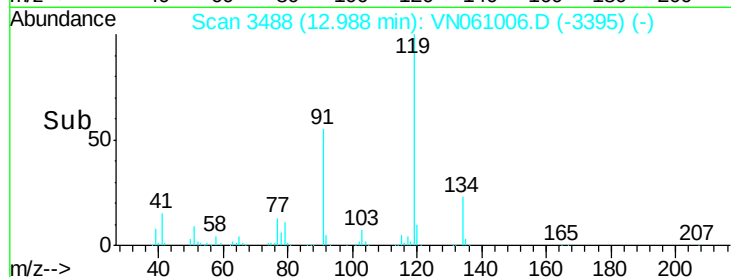
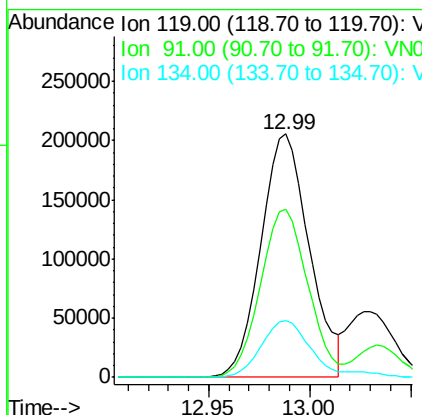
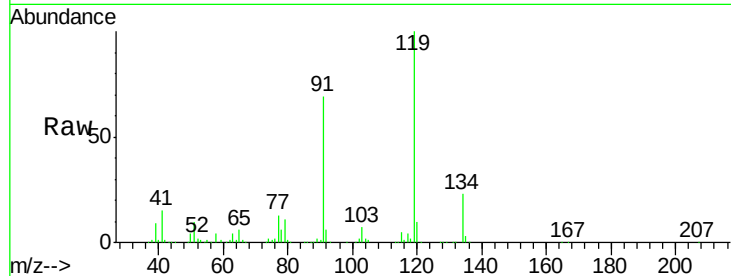
#83
 tert-Butylbenzene
 Concen: 51.811 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.2	34.1	102.3
134	24.8	12.4	37.2

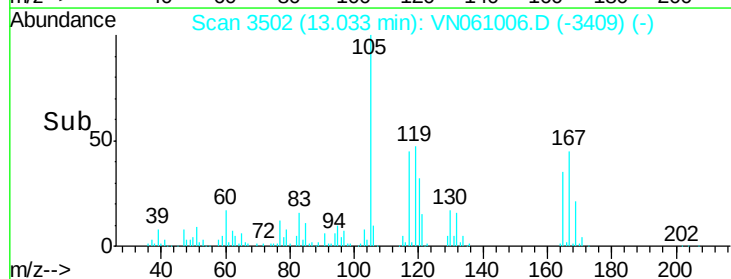
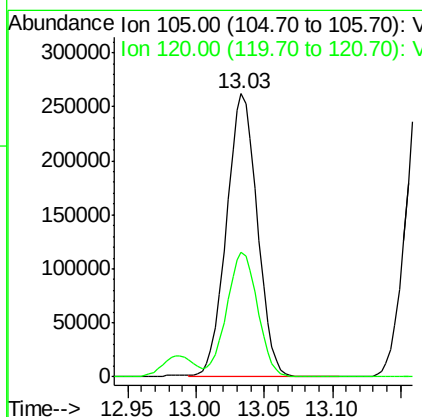
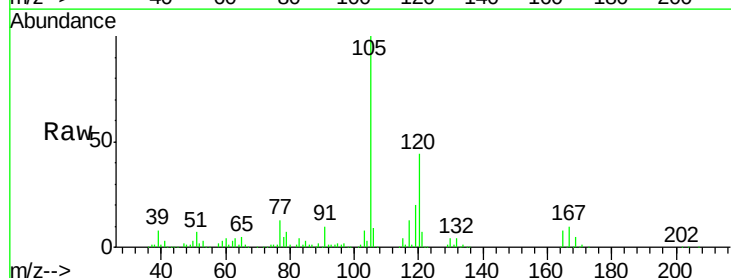
Manual Integrations
 APPROVED

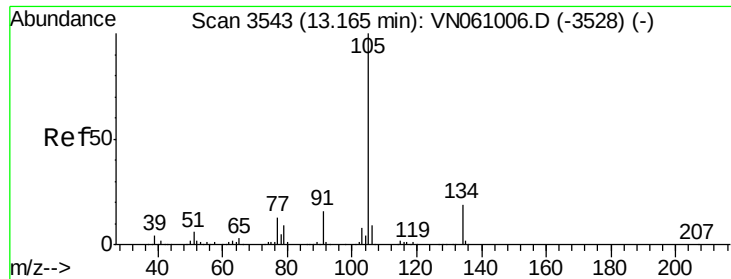
MMDadoda
 4/17/2020 11:53:06 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.032 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5





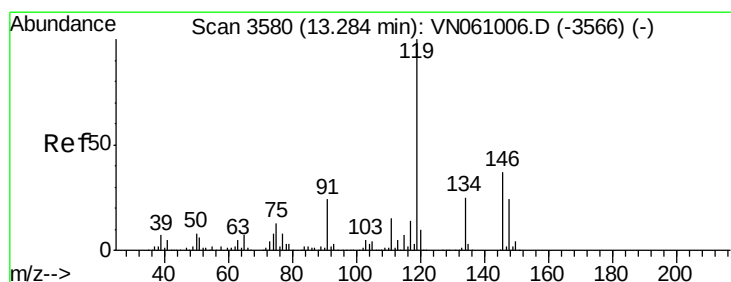
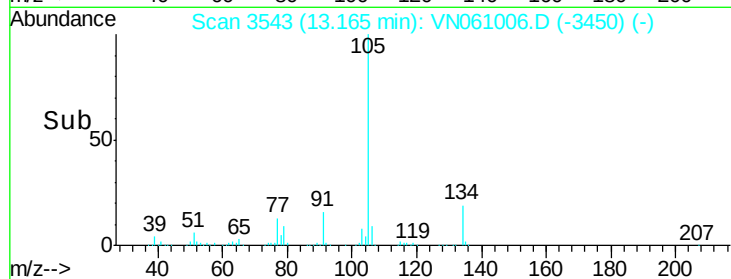
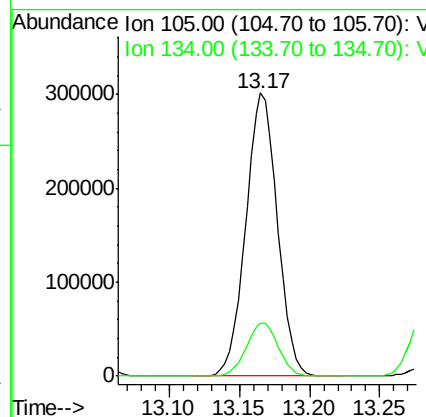
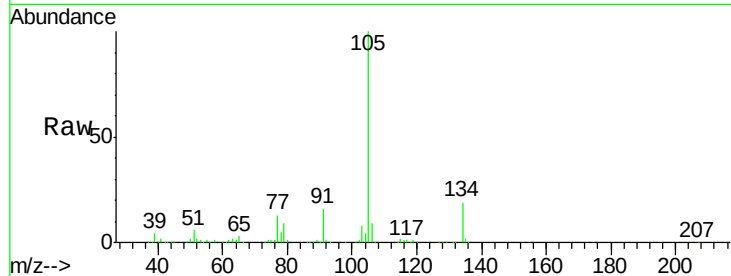
#85
 sec-Butylbenzene
 Concen: 52.917 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.5	28.5

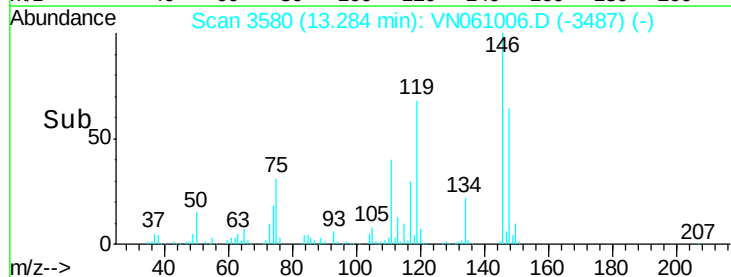
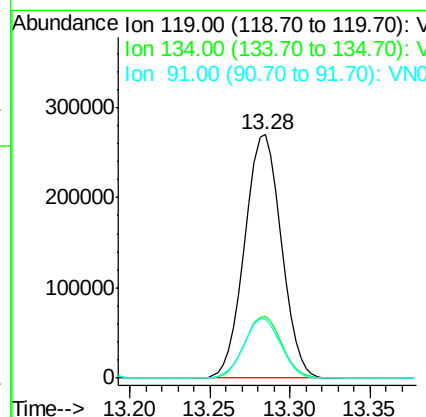
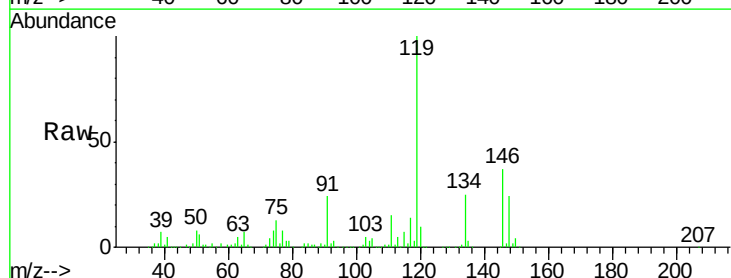
Manual Integrations
 APPROVED

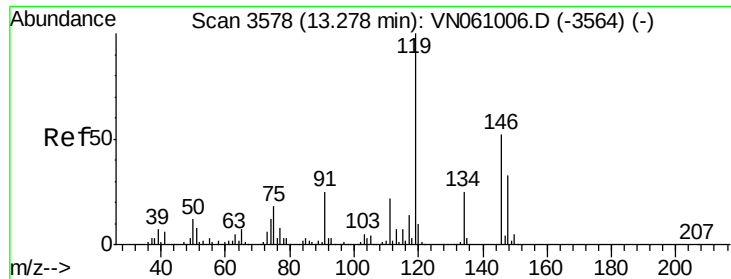
MMDadoda
 4/17/2020 11:53:06 AM



#86
 p-Isopropyltoluene
 Concen: 52.466 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	24.5	12.3	36.8





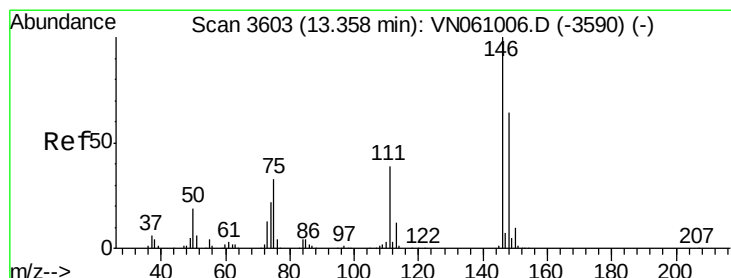
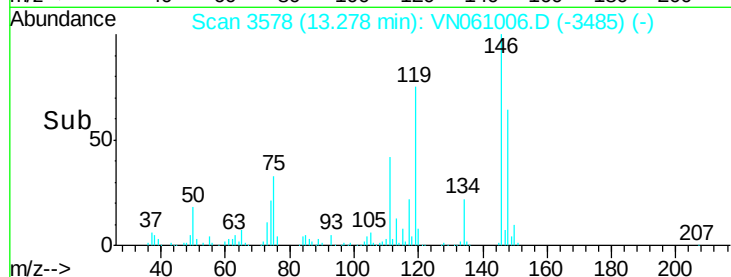
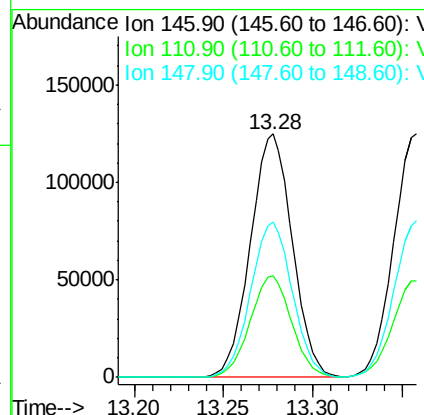
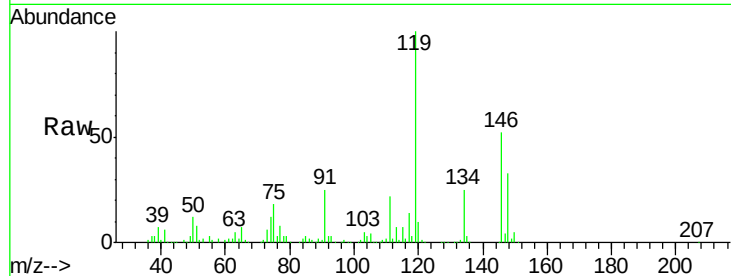
#87
 1,3-Dichlorobenzene
 Concen: 51.451 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	205516		
111	41.2	20.6	61.8	
148	63.5	31.8	95.3	

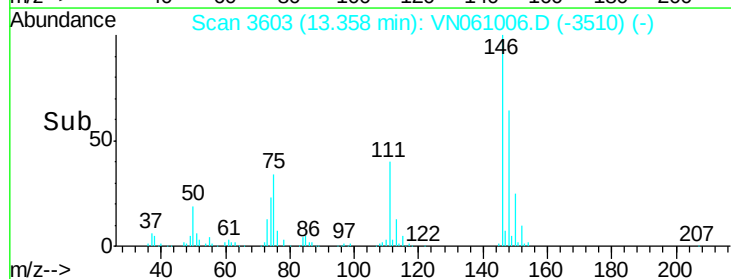
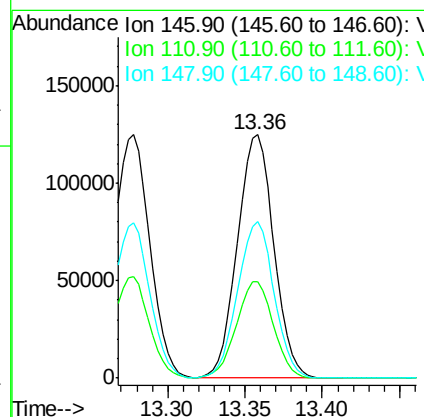
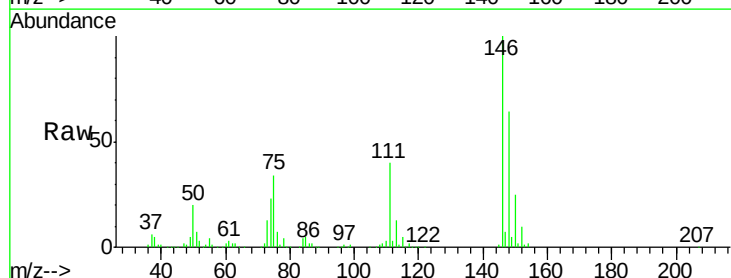
Manual Integrations
 APPROVED

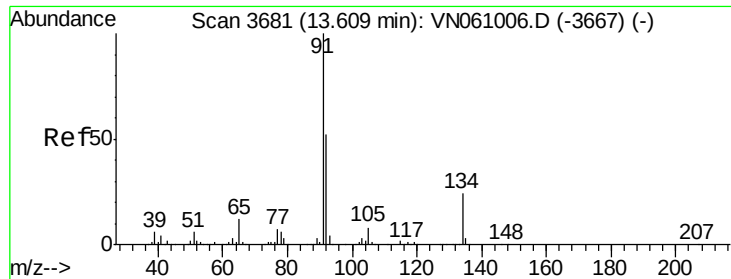
MMDadoda
 4/17/2020 11:53:06 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.050 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	204579		
111	40.2	20.1	60.3	
148	64.2	32.1	96.3	





#89

n-Butylbenzene

Concen: 54.599 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Instrument :

MSVOA_N

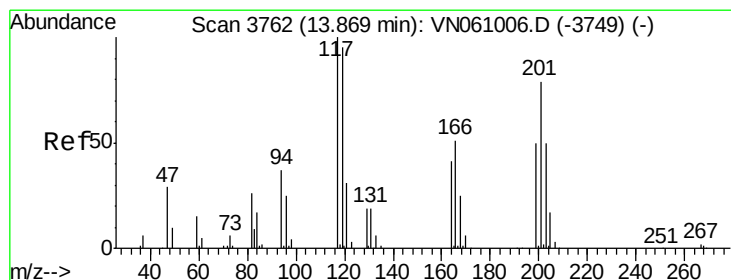
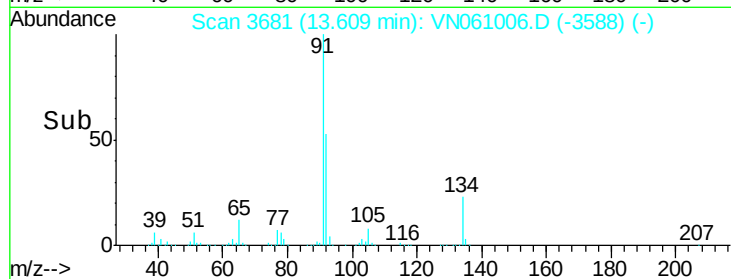
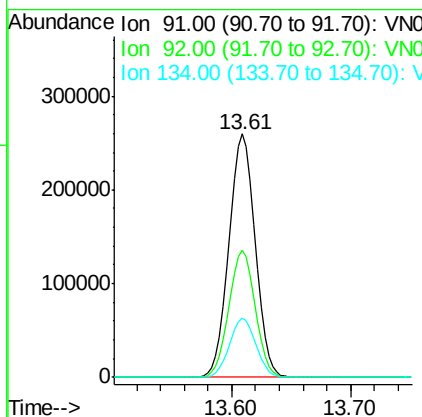
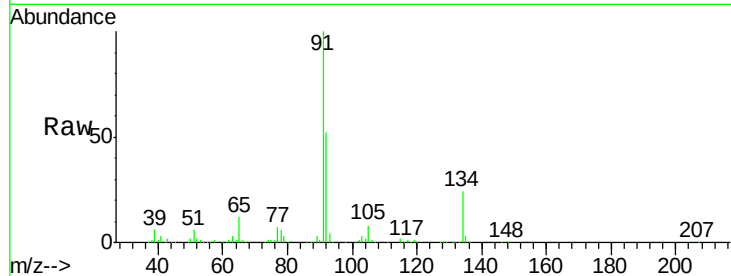
ClientSampleId :

VSTDICCC050

Tot Ion:	91	Resp:	397093
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	24.5	12.3	36.8

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:53:06 AM



#90

Hexachloroethane

Concen: 54.893 ug/l

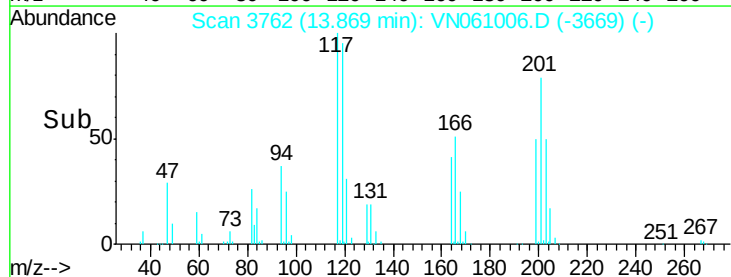
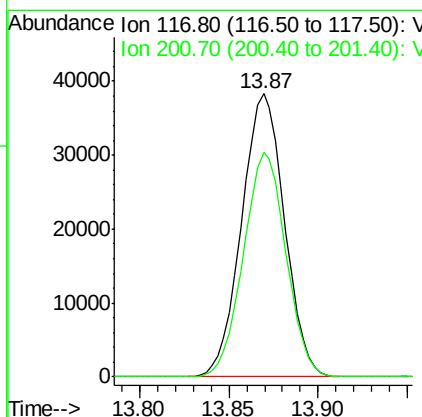
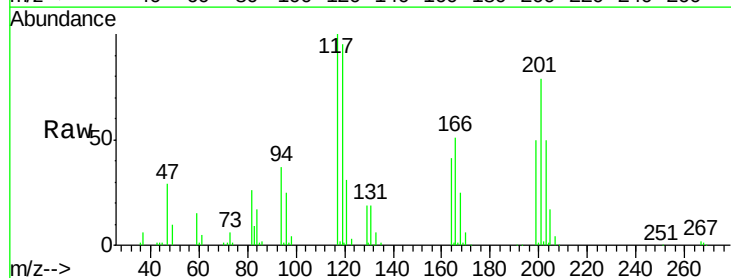
RT: 13.87 min Scan# 3762

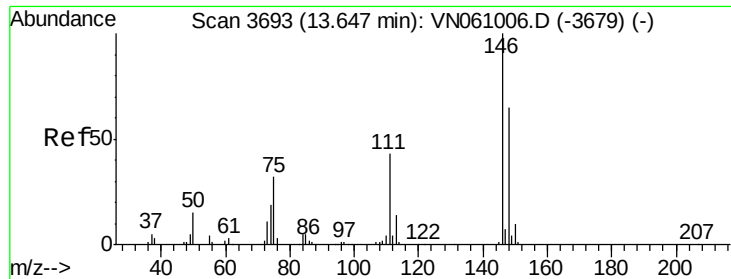
Delta R.T. 0.00 min

Lab File: VN061006.D

Acq: 16 Apr 2020 12:18

Tgt Ion:	117	Resp:	64155
Ion	Ratio	Lower	Upper
117	100		
201	78.6	39.3	117.9





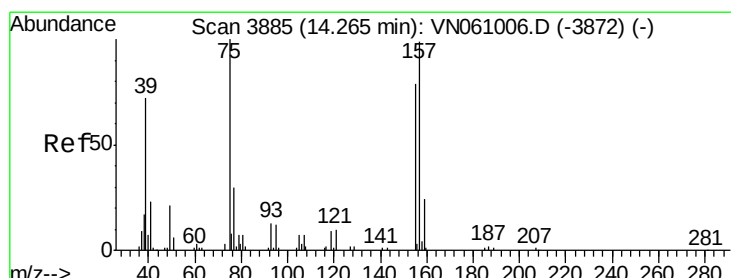
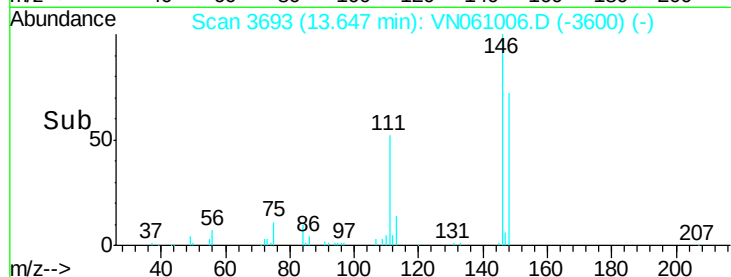
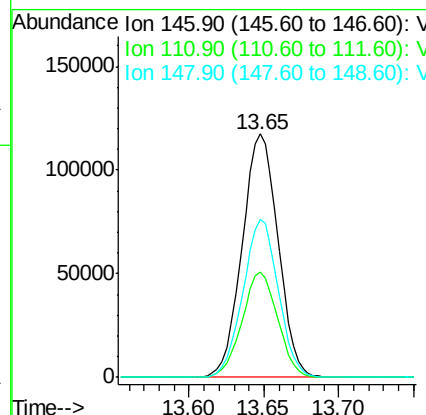
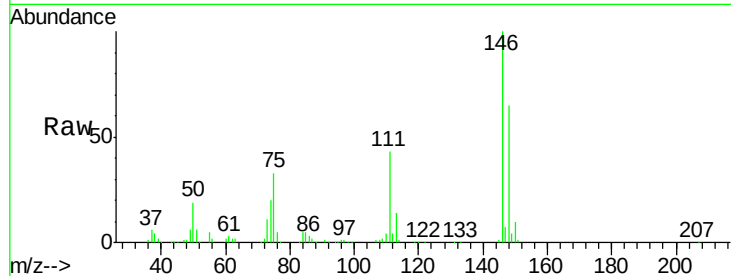
#91
 1,2-Dichlorobenzene
 Concen: 51.545 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	64.0
148	64.0	32.0	96.0

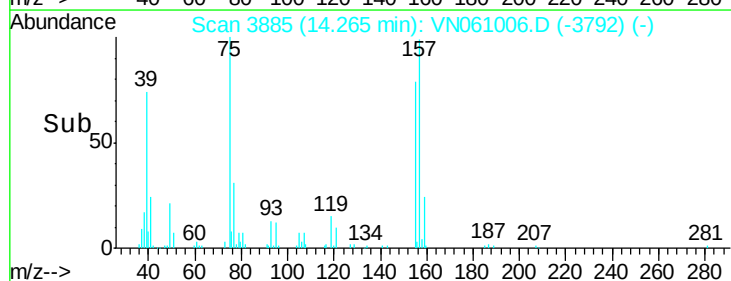
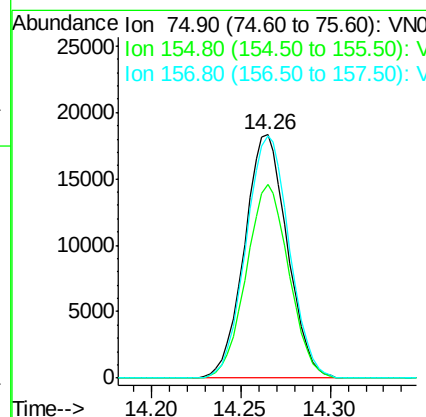
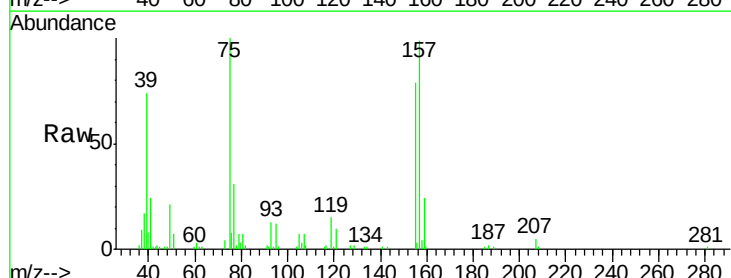
Manual Integrations
 APPROVED

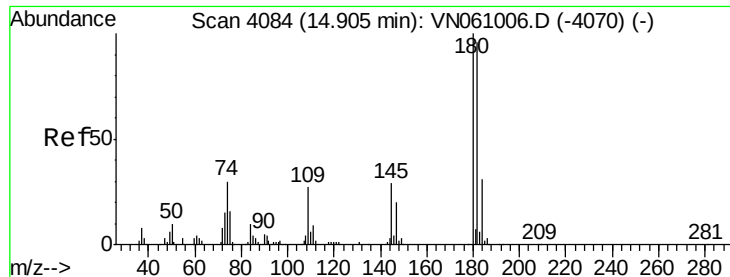
MMDadoda
 4/17/2020 11:53:06 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.121 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	39.5	118.5
157	100.3	50.1	150.4





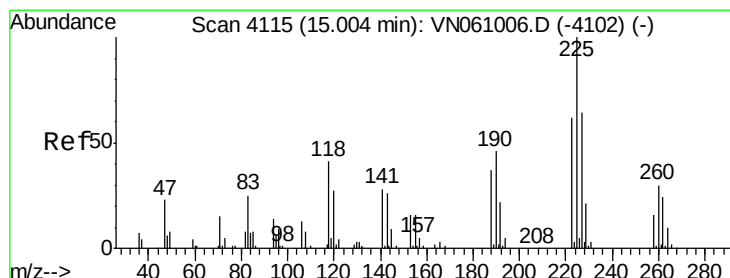
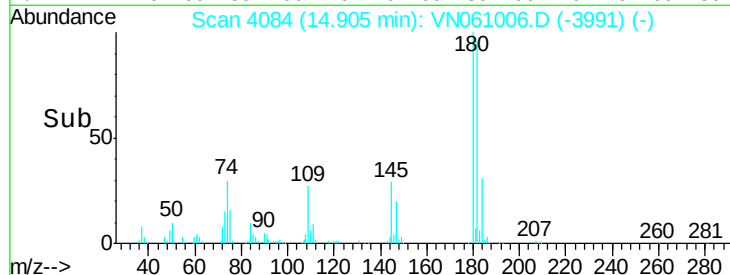
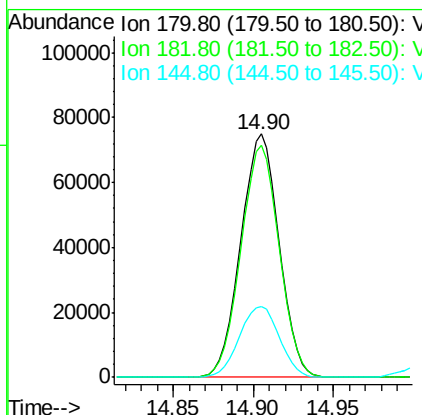
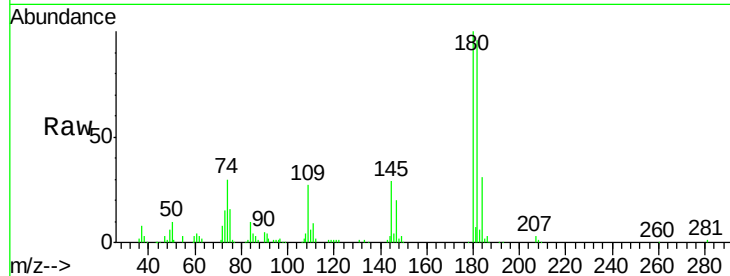
#93
 1,2,4-Trichlorobenzene
 Concen: 52.423 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:180	Resp:	122532
Ion Ratio	Lower	Upper
180 100		
182 95.5	47.8	143.3
145 30.5	15.3	45.8

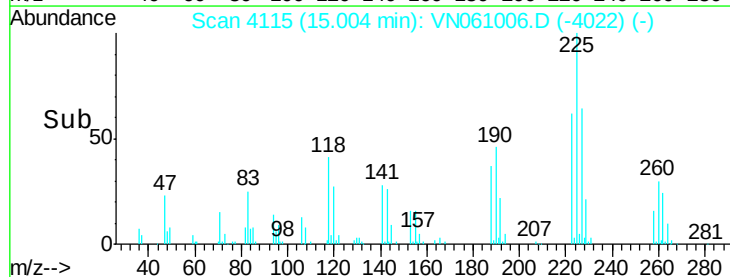
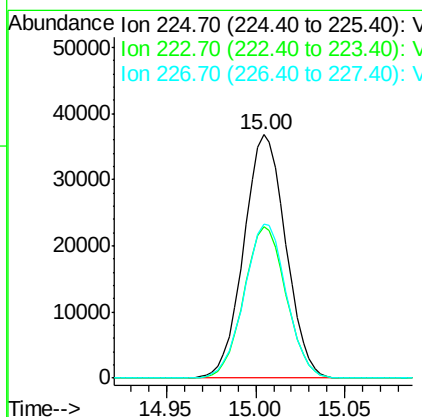
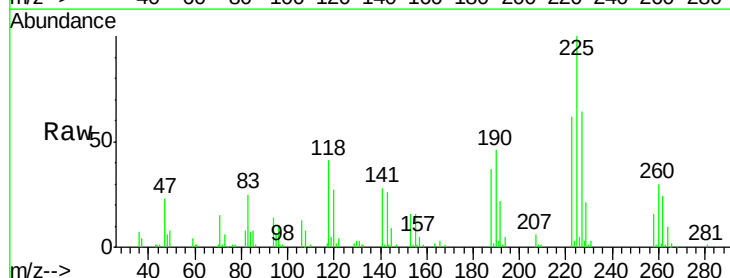
Manual Integrations
 APPROVED

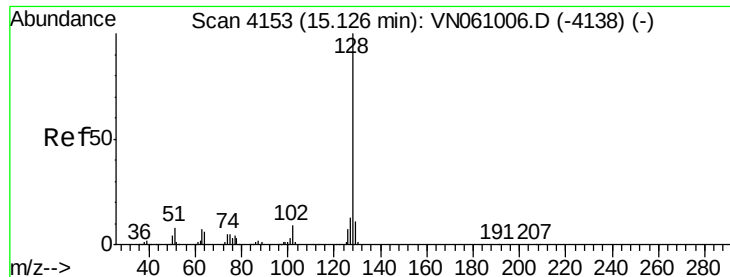
MMDadoda
 4/17/2020 11:53:06 AM



#94
 Hexachlorobutadiene
 Concen: 52.306 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN061006.D
 Acq: 16 Apr 2020 12:18

Tgt Ion:225	Resp:	60436
Ion Ratio	Lower	Upper
225 100		
223 62.5	31.3	93.8
227 63.7	31.9	95.5





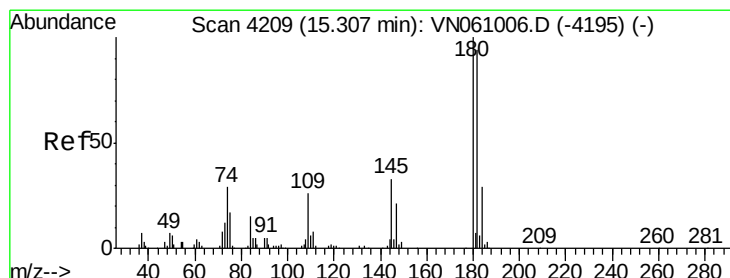
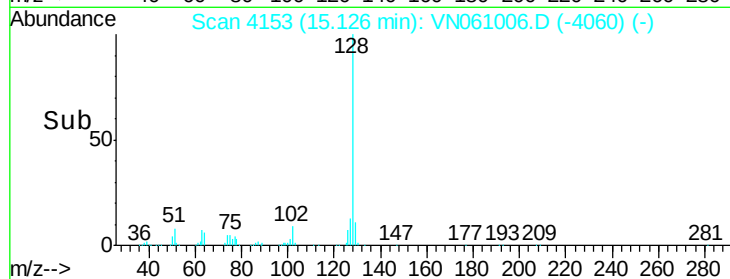
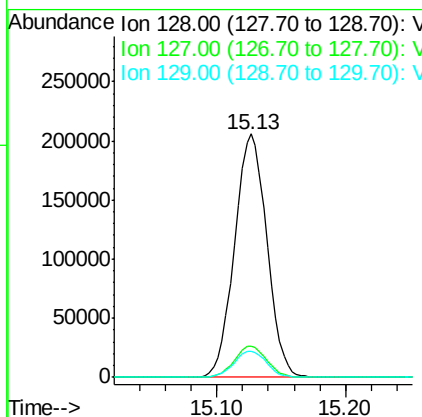
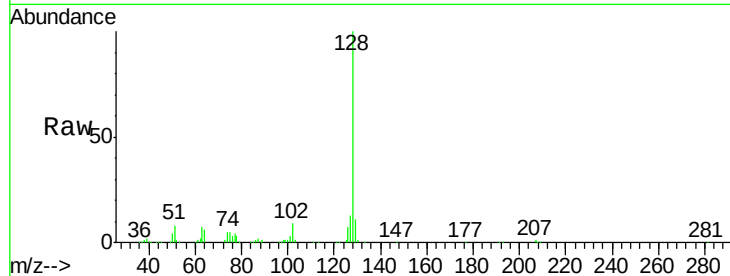
#95
Naphthalene
Concen: 51.157 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:53:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.977 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. 0.00 min
Lab File: VN061006.D
Acq: 16 Apr 2020 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	32.8	16.4	49.2

