

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064822.D
 Acq On : 24 Nov 2020 19:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 3:57:40 PM

Quant Time: Nov 25 05:36:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	192726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	307600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	281448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137075	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109270	48.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.54%		
35) Dibromofluoromethane	7.55	113	94605	51.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.80%		
50) Toluene-d8	10.06	98	368898	49.05	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.10%		
62) 4-Bromofluorobenzene	12.37	95	131915	49.01	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.02%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	75662	45.298	ug/l	97
3) Chloromethane	2.04	50	95601	44.044	ug/l	97
4) Vinyl Chloride	2.17	62	104580	46.213	ug/l	98
5) Bromomethane	2.53	94	55229	37.199	ug/l	98
6) Chloroethane	2.67	64	65665	46.915	ug/l	98
7) Trichlorofluoromethane	2.99	101	146187	46.733	ug/l	97
8) Diethyl Ether	3.37	74	59675	48.329	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	88153	46.977	ug/l	99
10) Methyl Iodide	3.91	142	64760	26.606	ug/l	100
11) Tert butyl alcohol	4.74	59	78853	225.667	ug/l	98
12) 1,1-Dichloroethene	3.69	96	89342	47.805	ug/l	97
13) Acrolein	3.57	56	38507	180.417	ug/l	97
14) Allyl chloride	4.27	41	145499	47.203	ug/l	99
15) Acrylonitrile	4.93	53	231981	240.323	ug/l	100
16) Acetone	3.78	43	179898	244.248	ug/l	99
17) Carbon Disulfide	4.01	76	230444	47.757	ug/l	99
18) Methyl Acetate	4.28	43	105420	47.605	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	300611	50.153	ug/l	98
20) Methylene Chloride	4.50	84	105366	45.653	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	96580	46.536	ug/l	99
22) Diisopropyl ether	5.91	45	311302	50.457	ug/l	99
23) Vinyl Acetate	5.85	43	1271535	257.723	ug/l	100
24) 1,1-Dichloroethane	5.80	63	181416	49.202	ug/l	99
25) 2-Butanone	6.79	43	298981	250.411	ug/l	97
26) 2,2-Dichloropropane	6.78	77	140299	43.872	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	112728	48.271	ug/l	99
28) Bromochloromethane	7.15	49	82365	48.829	ug/l	98
29) Tetrahydrofuran	7.17	42	200353	243.093	ug/l	100
30) Chloroform	7.33	83	184178	48.437	ug/l	98
31) Cyclohexane	7.61	56	147621	47.272	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	156749	47.998	ug/l	99
36) 1,1-Dichloropropene	7.75	75	137980	48.395	ug/l	99
37) Ethyl Acetate	6.89	43	127106	46.281	ug/l	98
38) Carbon Tetrachloride	7.73	117	139686	47.086	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064822.D
 Acq On : 24 Nov 2020 19:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 3:57:40 PM

Quant Time: Nov 25 05:36:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	151917	49.496	ug/l	98
40) Benzene	8.00	78	413590	47.338	ug/l	98
41) Methacrylonitrile	7.13	41	61279	48.356	ug/l	89
42) 1,2-Dichloroethane	8.09	62	135240	45.885	ug/l	100
43) Isopropyl Acetate	8.13	43	205493	46.499	ug/l #	90
44) Trichloroethene	8.80	130	116789	45.305	ug/l	98
45) 1,2-Dichloropropane	9.08	63	111186	49.141	ug/l	99
46) Dibromomethane	9.17	93	72740	48.123	ug/l	98
47) Bromodichloromethane	9.37	83	145887	47.967	ug/l	99
48) Methyl methacrylate	9.17	41	102512	48.545	ug/l	99
49) 1,4-Dioxane	9.17	88	36486	914.166	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	639183	240.917	ug/l	99
52) Toluene	10.12	92	259689	48.265	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	160836	47.479	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	175284	48.274	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	105259	47.574	ug/l	96
56) Ethyl methacrylate	10.40	69	154187	50.500	ug/l	99
57) 1,3-Dichloropropane	10.68	76	175847	48.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	423768	252.321	ug/l	100
59) 2-Hexanone	10.72	43	464816	243.434	ug/l	99
60) Dibromochloromethane	10.87	129	117905	47.940	ug/l	99
61) 1,2-Dibromoethane	10.98	107	108603	48.314	ug/l	100
64) Tetrachloroethene	10.60	164	112466	41.073	ug/l	95
65) Chlorobenzene	11.40	112	288734	47.772	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	107193	48.259	ug/l	99
67) Ethyl Benzene	11.48	91	494549	48.980	ug/l	99
68) m/p-Xylenes	11.59	106	382578	100.079	ug/l	99
69) o-Xylene	11.92	106	181982	50.166	ug/l	98
70) Styrene	11.94	104	317209	51.798	ug/l	98
71) Bromoform	12.10	173	82401	46.447	ug/l #	99
73) Isopropylbenzene	12.22	105	490239	51.417	ug/l	100
74) N-amyl acetate	12.04	43	184276	49.112	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	139671	49.979	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	136433m	46.217	ug/l	
77) Bromobenzene	12.50	156	122477	47.647	ug/l	99
78) n-propylbenzene	12.56	91	542449	49.941	ug/l	98
79) 2-Chlorotoluene	12.65	91	327638	48.799	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	414631	52.319	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	47763	44.345	ug/l	98
82) 4-Chlorotoluene	12.75	91	339300	48.212	ug/l	99
83) tert-Butylbenzene	12.97	119	351982	52.987	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	416340	51.959	ug/l	100
85) sec-Butylbenzene	13.14	105	454715	51.556	ug/l	100
86) p-Isopropyltoluene	13.26	119	424987	52.926	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	218993	47.952	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	215806	44.683	ug/l	98
89) n-Butylbenzene	13.59	91	349703	49.591	ug/l	99
90) Hexachloroethane	13.85	117	71541	51.286	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	213104	47.523	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30166	47.973	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064822.D
Acq On : 24 Nov 2020 19:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

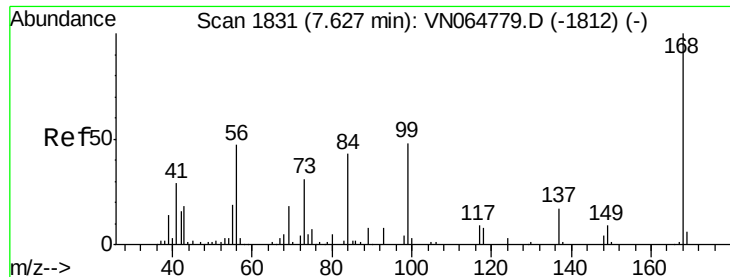
Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:40 PM

Quant Time: Nov 25 05:36:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	125177	45.125	ug/l	100
94) Hexachlorobutadiene	14.98	225	57618	46.154	ug/l	99
95) Naphthalene	15.10	128	388449	46.742	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	123417	46.906	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 192726

Ion Ratio Lower Upper

168 100

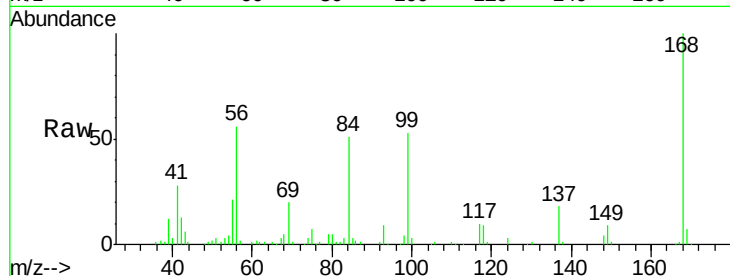
99 53.4 43.0 64.4

Manual Integrations

APPROVED

MMDadoda

11/25/2020 3:57:40 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

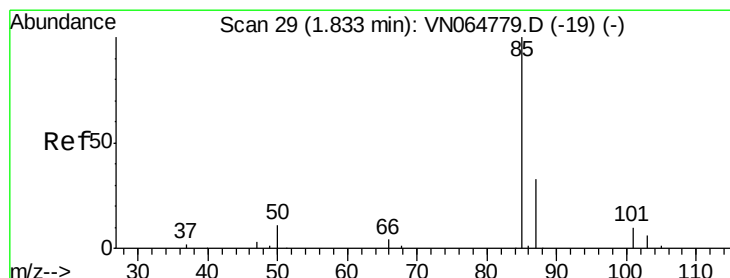
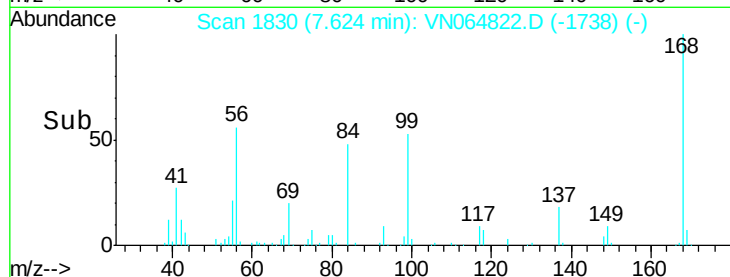
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.298 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064822.D

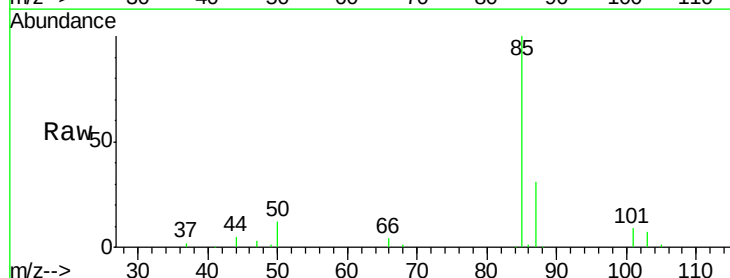
Acq: 24 Nov 2020 19:53

Tgt Ion: 85 Resp: 75662

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

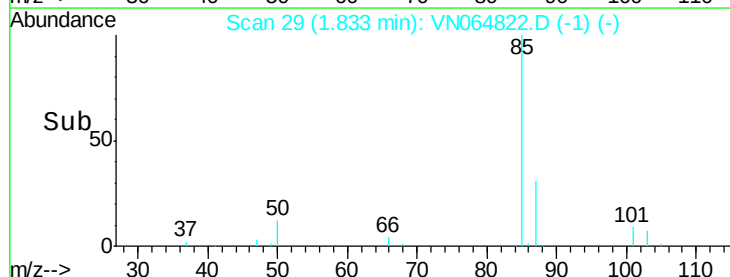
20000

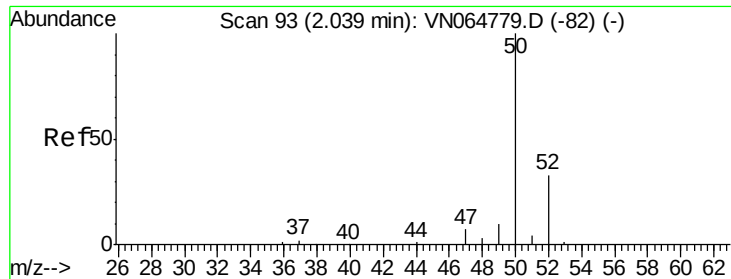
10000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 44.044 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 95601

Ion Ratio Lower Upper

50 100

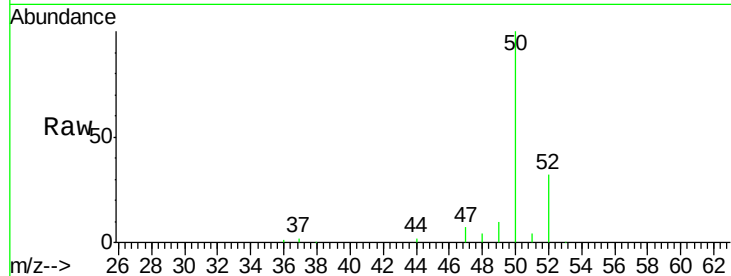
52 31.5 26.6 39.8

Manual Integrations

APPROVED

MMDadoda

11/25/2020 3:57:40 PM



Abundance Ion 49.90 (49.60 to 50.60): VN064822.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN064822.D (-1) (-)

2.04

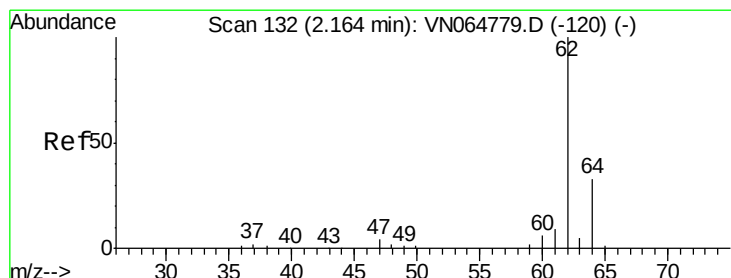
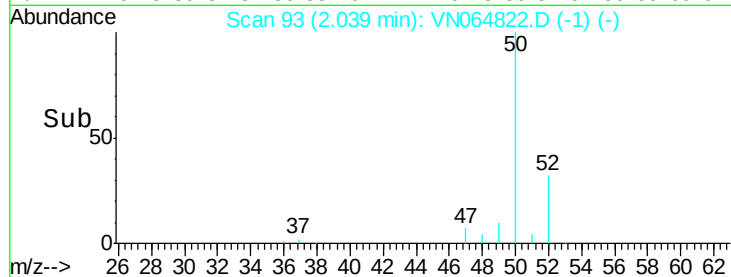
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 46.213 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064822.D

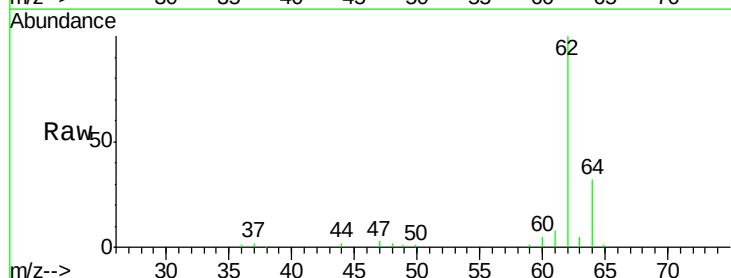
Acq: 24 Nov 2020 19:53

Tgt Ion: 62 Resp: 104580

Ion Ratio Lower Upper

62 100

64 31.9 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN064822.D (-39) (-)

Ion 63.90 (63.60 to 64.60): VN064822.D (-39) (-)

2.17

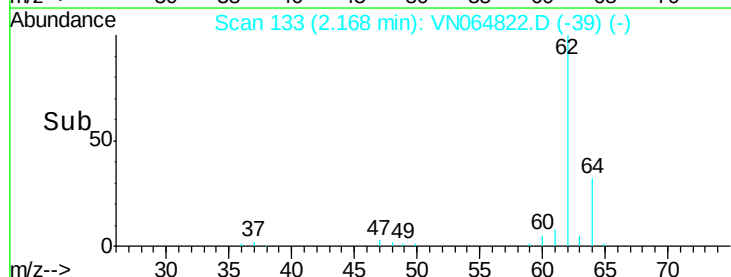
60000

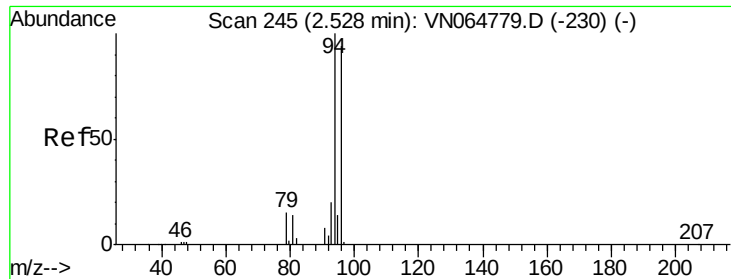
40000

20000

0

Time-->





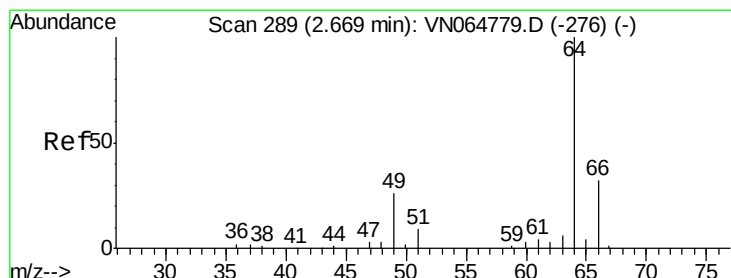
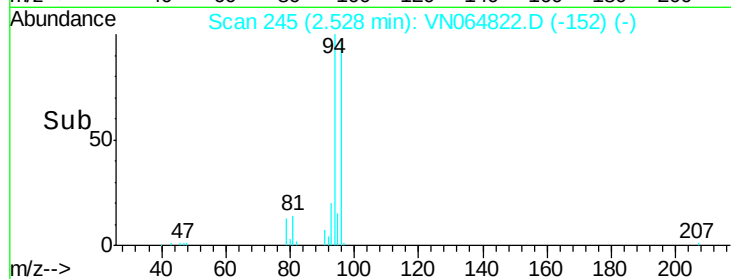
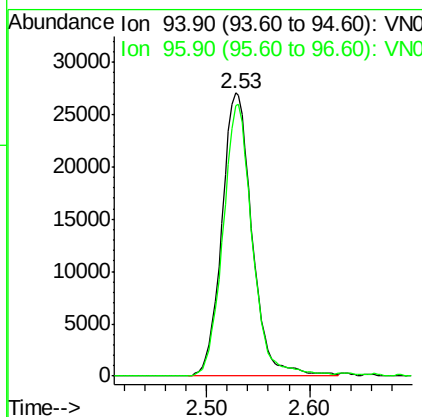
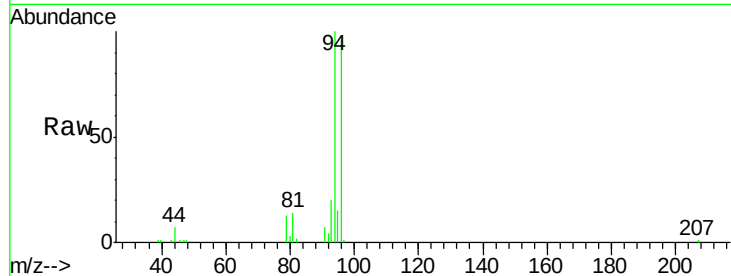
#5
Bromomethane
Concen: 37.199 ug/l
RT: 2.53 min Scan# 245
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 94 Resp: 55229
Ion Ratio Lower Upper
94 100
96 95.7 75.4 113.0

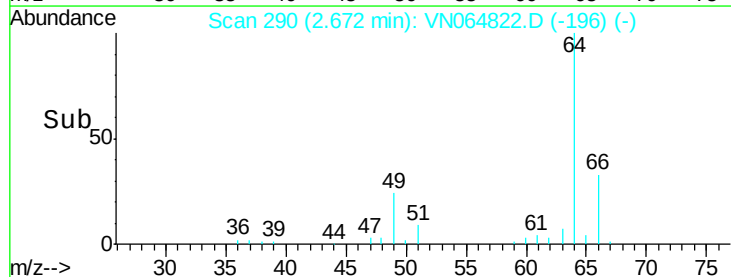
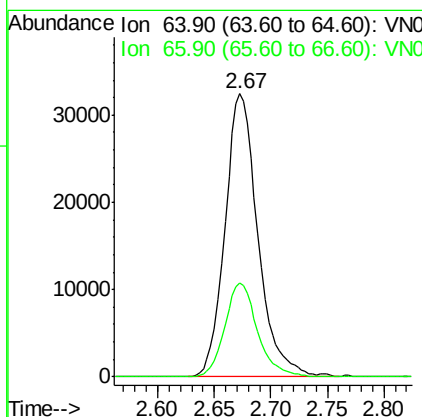
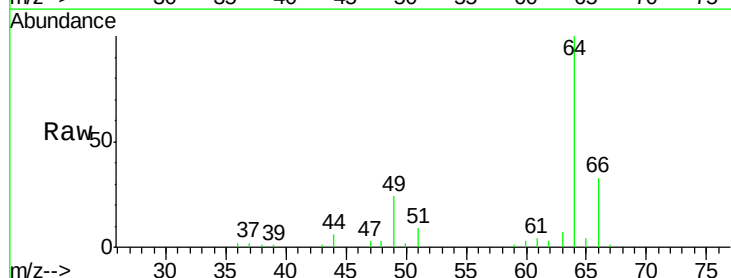
Manual Integrations
APPROVED

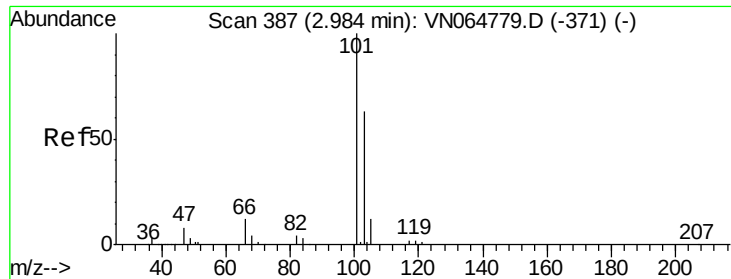
MMDadoda
11/25/2020 3:57:40 PM



#6
Chloroethane
Concen: 46.915 ug/l
RT: 2.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion: 64 Resp: 65665
Ion Ratio Lower Upper
64 100
66 33.2 25.6 38.4





#7

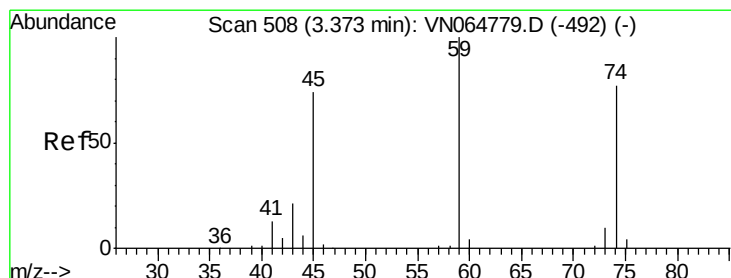
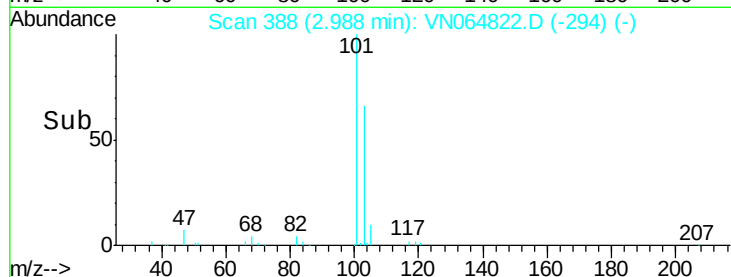
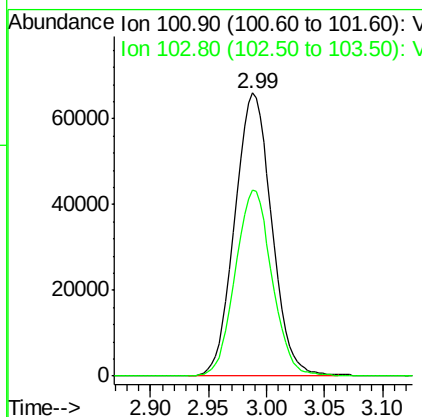
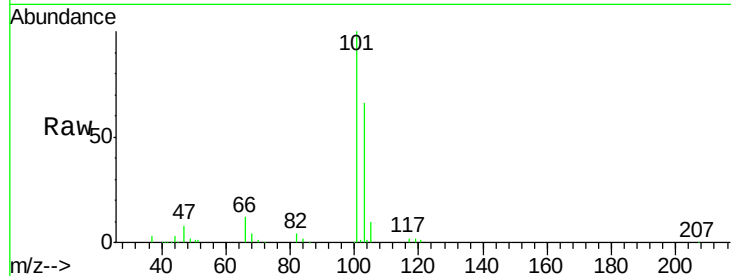
Trichlorofluoromethane
Concen: 46.733 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	50.5	75.7

Manual Integrations
APPROVED

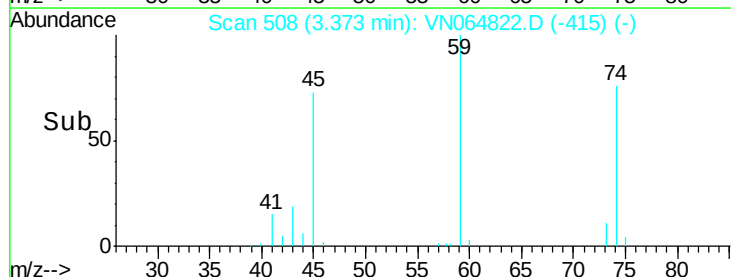
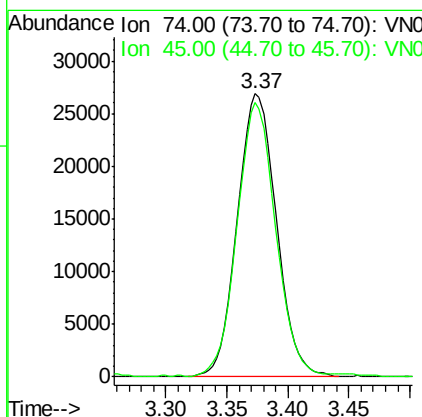
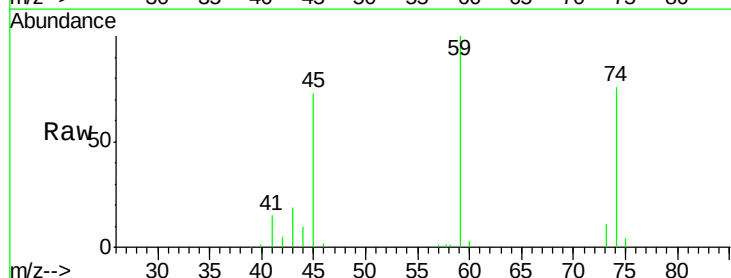
MMDadoda
11/25/2020 3:57:40 PM

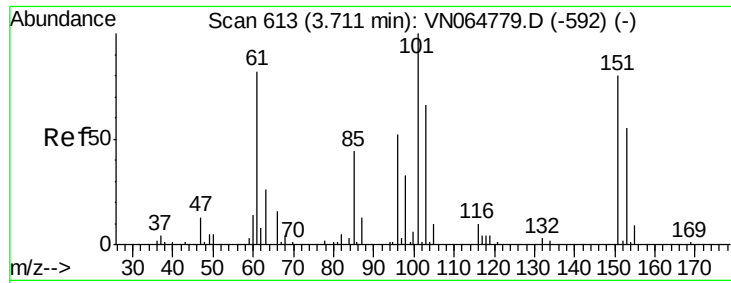


#8

Diethyl Ether
Concen: 48.329 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.977 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

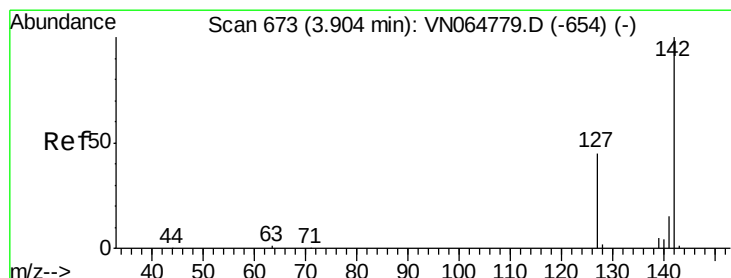
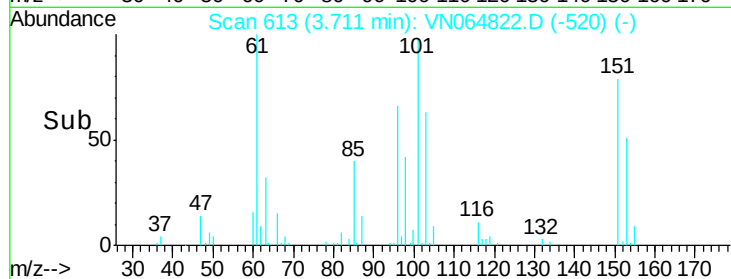
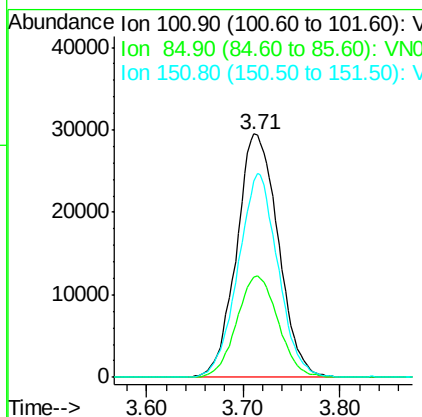
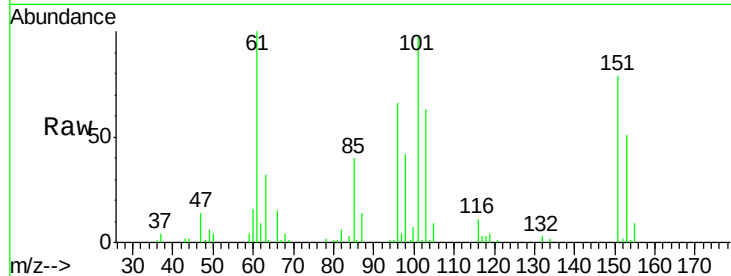
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	88153
Ion Ratio	Lower	Upper	
101	100		
85	41.4	34.4	51.6
151	80.2	64.0	96.0

Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:40 PM



#10

Methyl Iodide

Concen: 26.606 ug/l

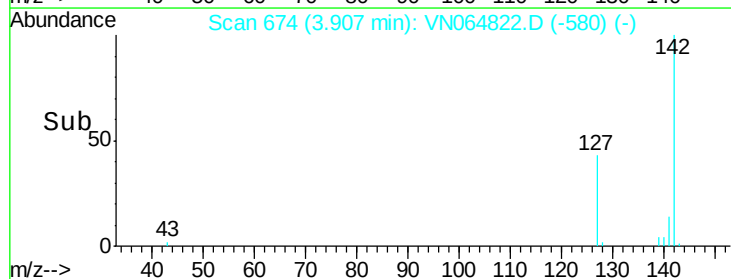
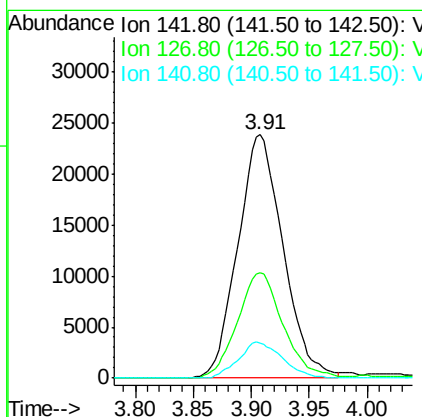
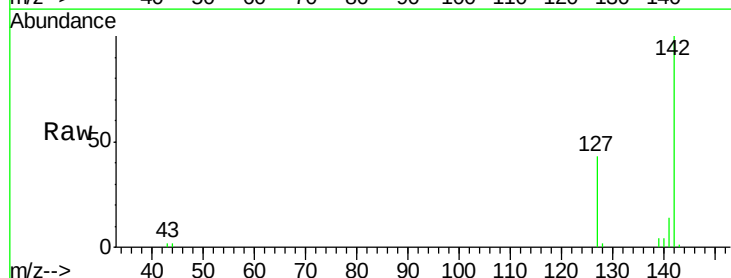
RT: 3.91 min Scan# 674

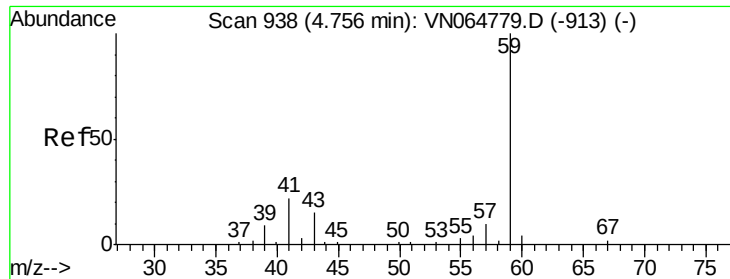
Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Tgt Ion:	142	Resp:	64760
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.0	52.6
141	14.2	11.8	17.6





#11

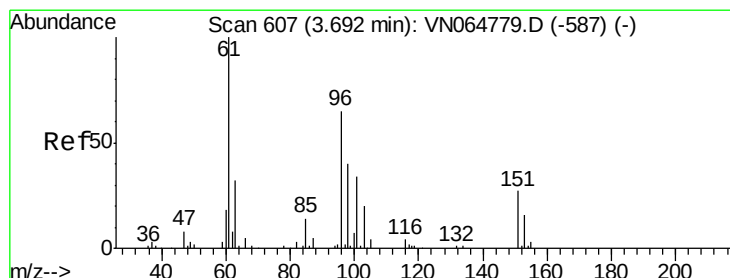
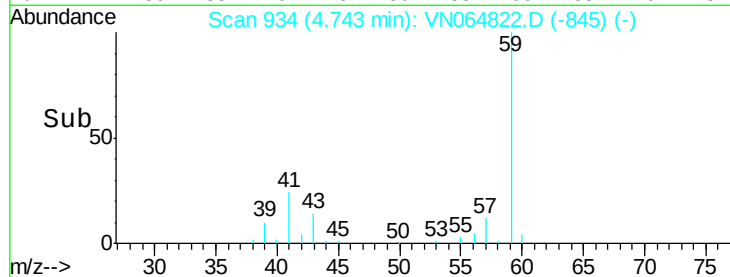
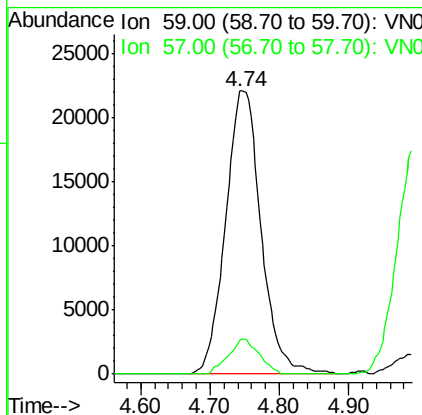
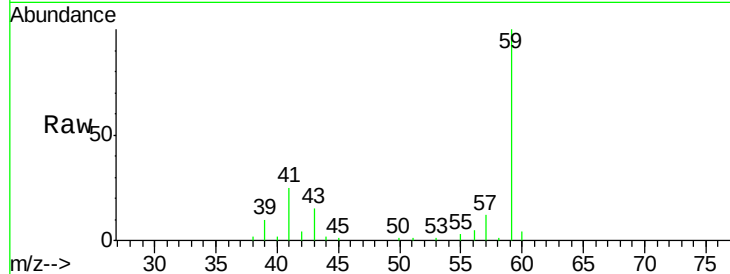
Tert butyl alcohol
 Concen: 225.667 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.9	11.9

Manual Integrations
 APPROVED

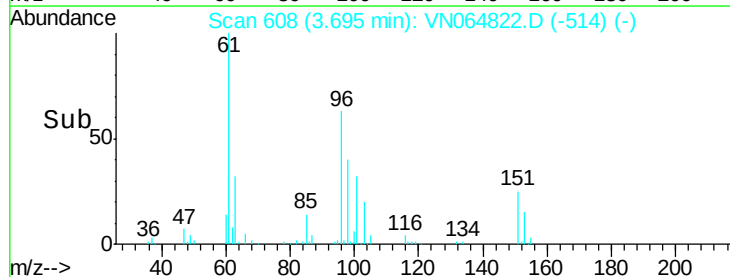
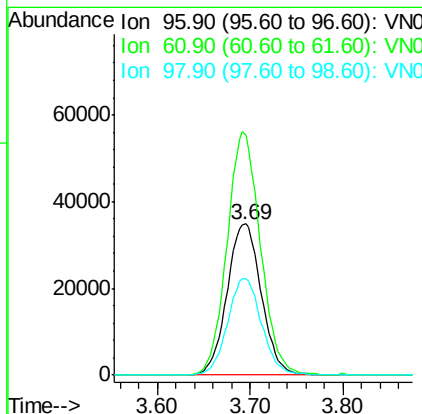
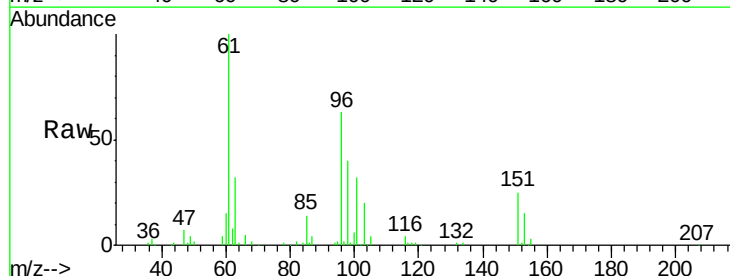
MMDadoda
 11/25/2020 3:57:40 PM

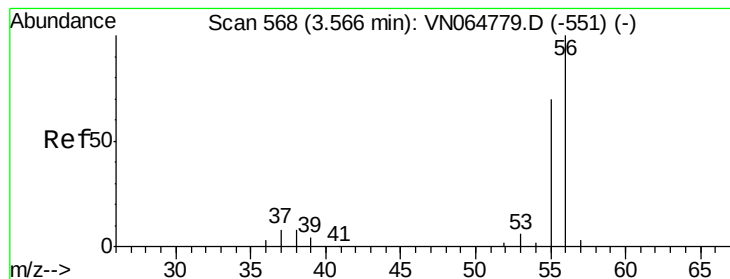


#12

1,1-Dichloroethene
 Concen: 47.805 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.5	123.4	185.2
98	63.5	49.8	74.8





#13

Acrolein

Concen: 180.417 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 38507

Ion Ratio Lower Upper

56 100

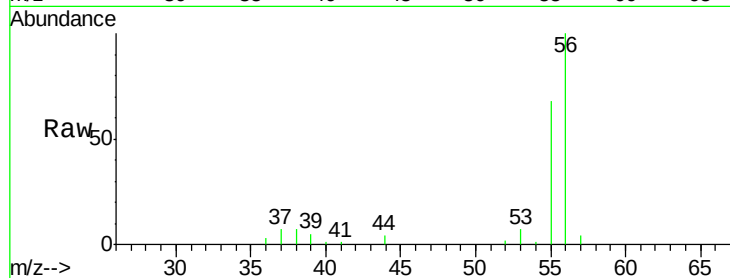
55 68.1 56.5 84.7

Manual Integrations

APPROVED

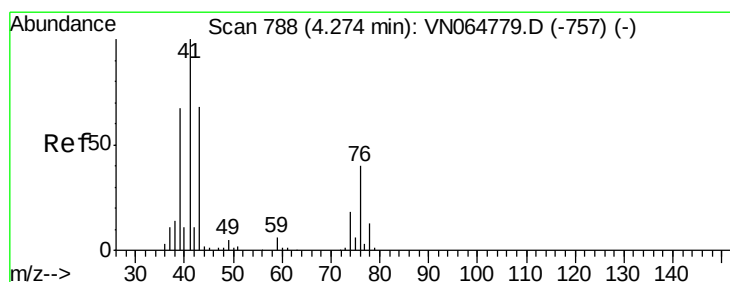
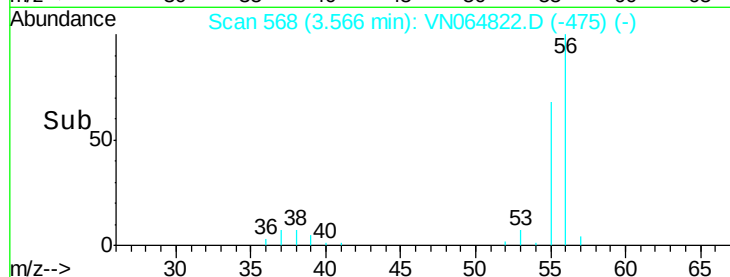
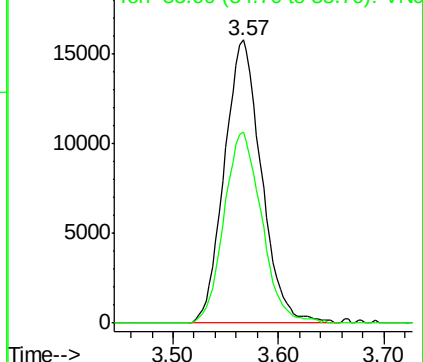
MMDadoda

11/25/2020 3:57:40 PM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.203 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

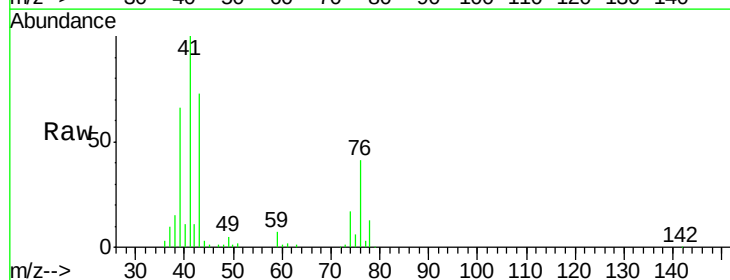
Tgt Ion: 41 Resp: 145499

Ion Ratio Lower Upper

41 100

39 63.5 50.9 76.3

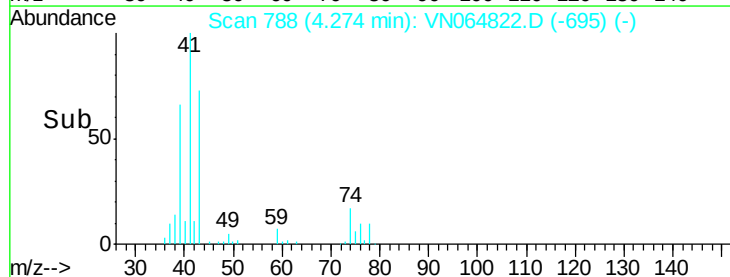
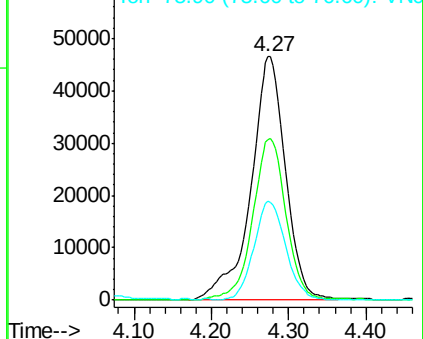
76 37.4 29.0 43.4

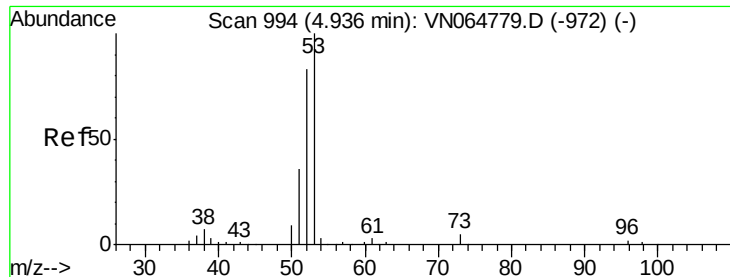


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 240.323 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

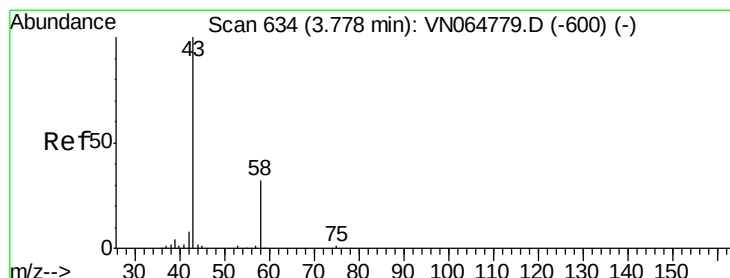
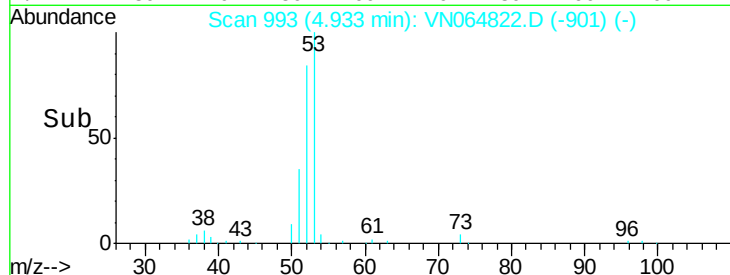
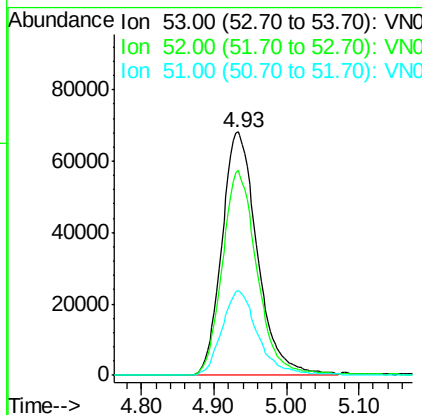
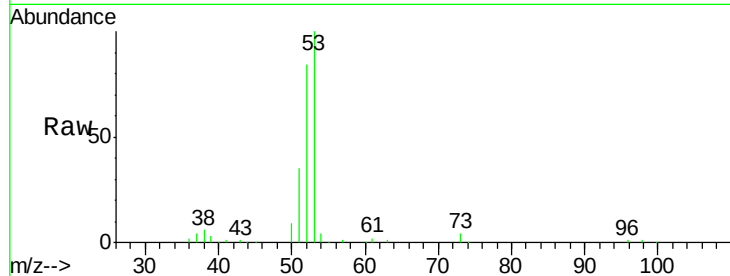
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	231981
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	34.9	28.6	43.0

Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:40 PM



#16

Acetone

Concen: 244.248 ug/l

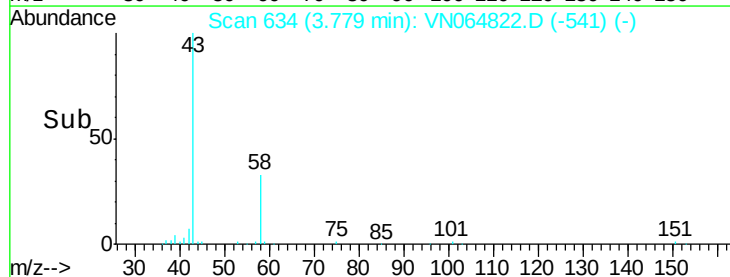
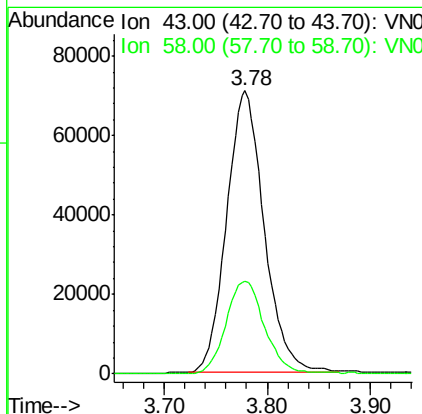
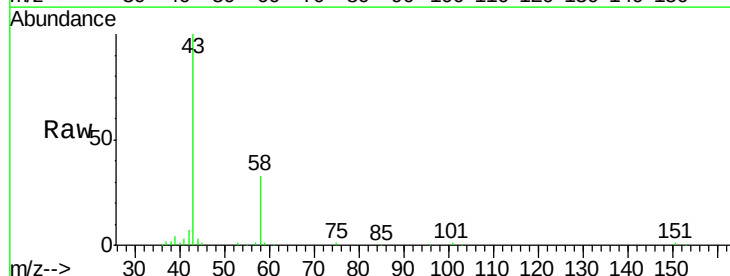
RT: 3.78 min Scan# 634

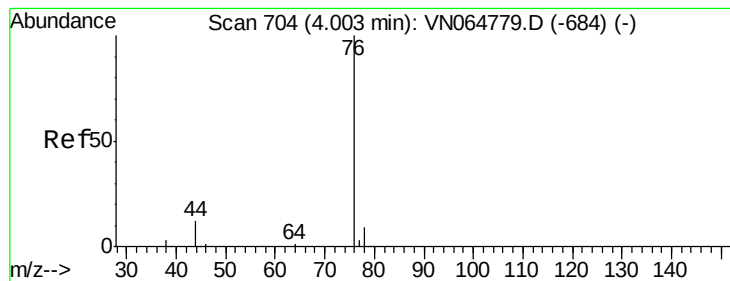
Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Tgt Ion:	43	Resp:	179898
Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.7	38.5





#17

Carbon Disulfide

Concen: 47.757 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 230444

Ion Ratio Lower Upper

76 100

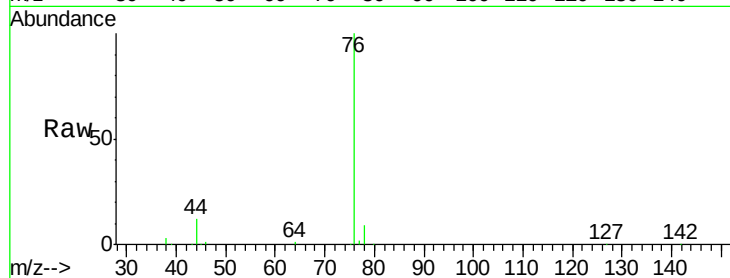
78 8.9 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

11/25/2020 3:57:40 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

80000

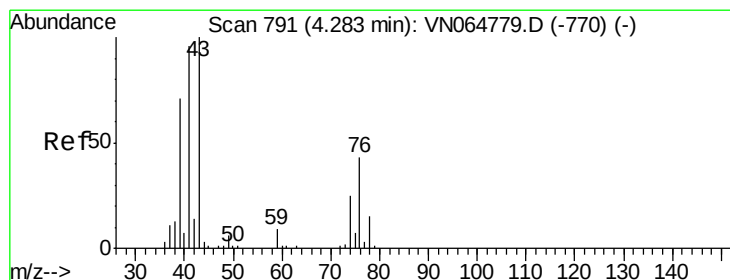
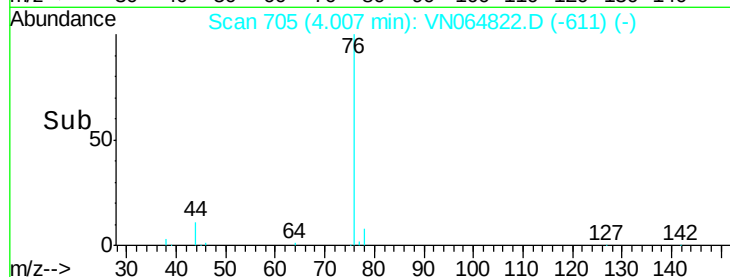
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.605 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064822.D

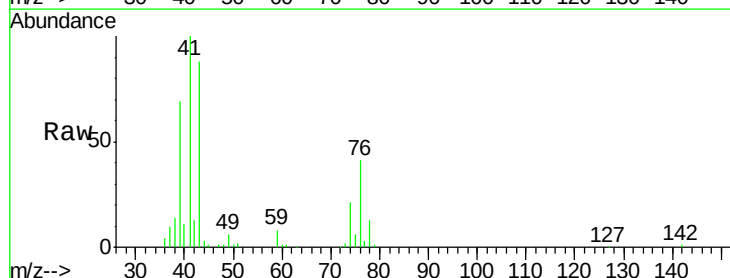
Acq: 24 Nov 2020 19:53

Tgt Ion: 43 Resp: 105420

Ion Ratio Lower Upper

43 100

74 24.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

40000

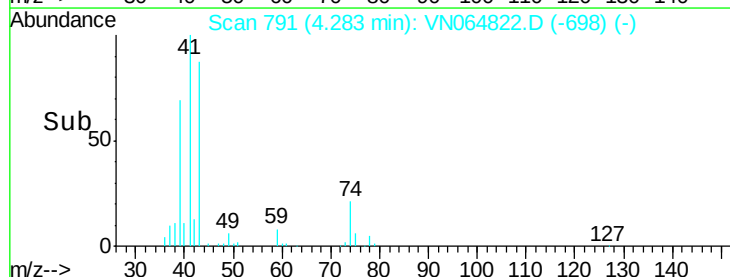
30000

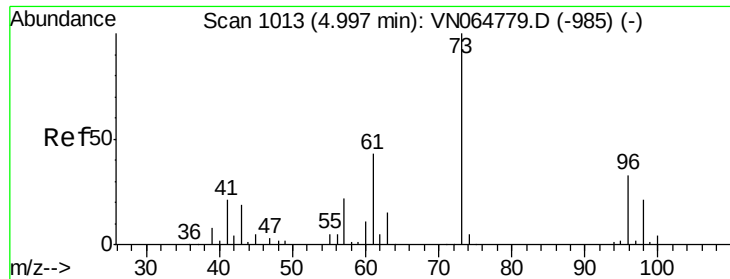
20000

10000

0

Time-->





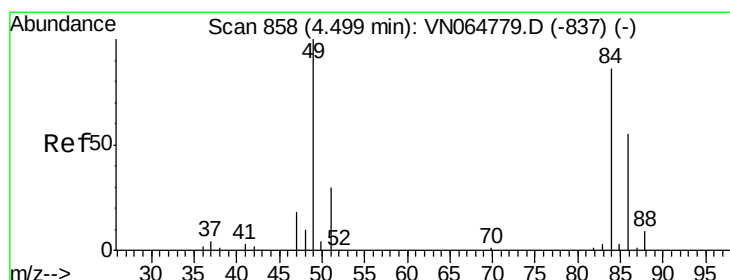
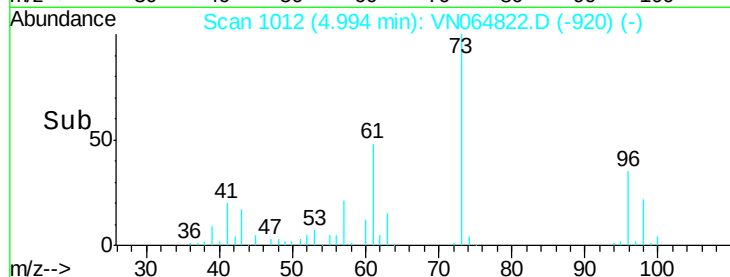
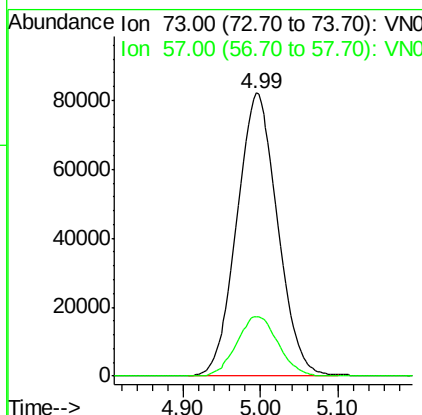
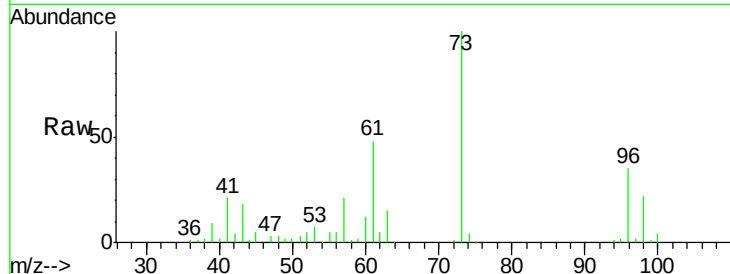
#19
Methyl tert-butyl Ether
Concen: 50.153 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 300611
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0

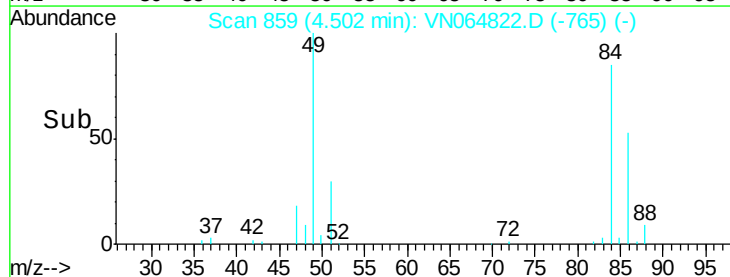
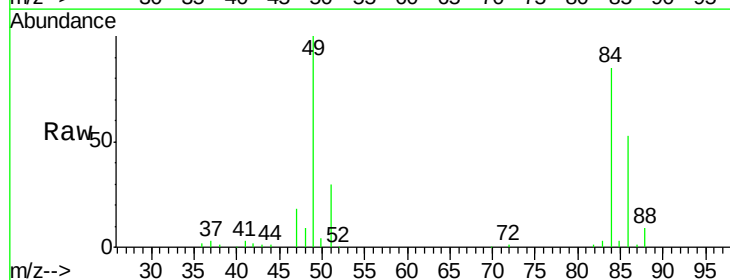
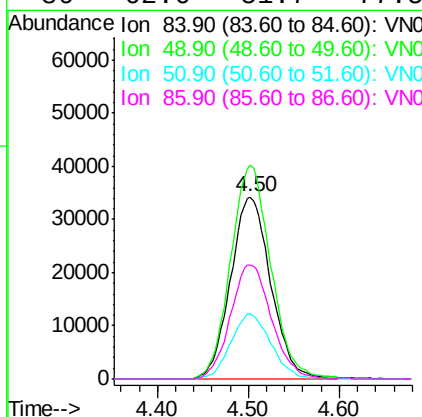
Manual Integrations
APPROVED

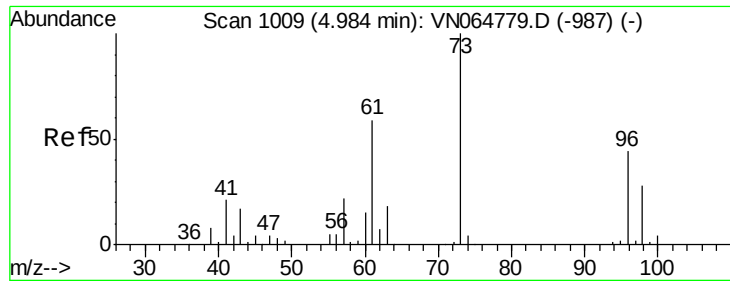
MMDadoda
11/25/2020 3:57:40 PM



#20
Methylene Chloride
Concen: 45.653 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion: 84 Resp: 105366
Ion Ratio Lower Upper
84 100
49 117.5 93.4 140.0
51 35.8 28.2 42.4
86 62.6 51.7 77.5





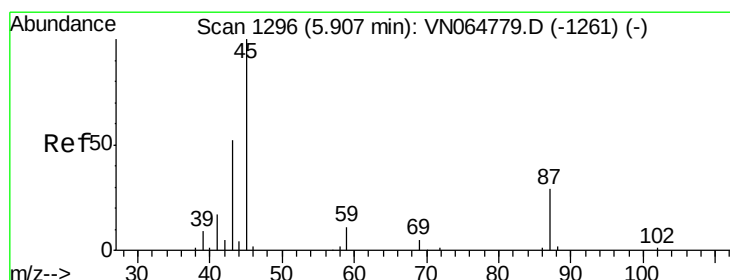
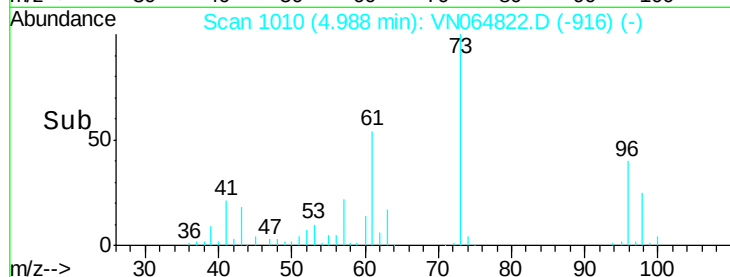
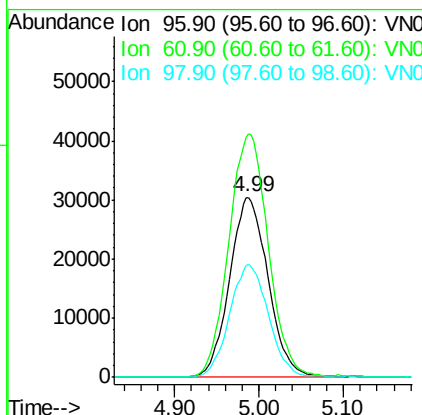
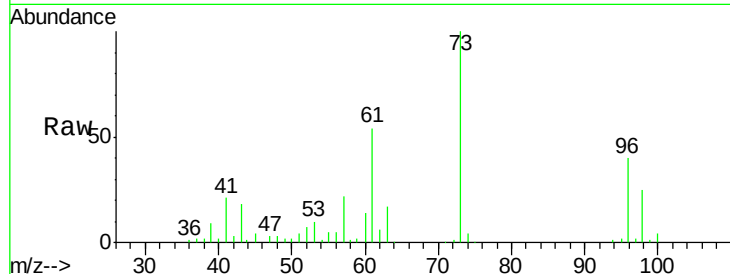
#21
trans-1,2-Dichloroethene
Concen: 46.536 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	108.4	162.6
98	62.7	51.3	76.9

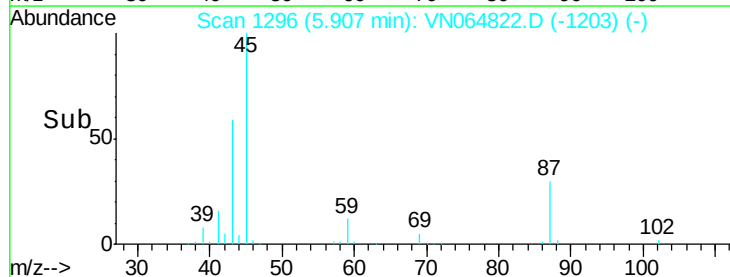
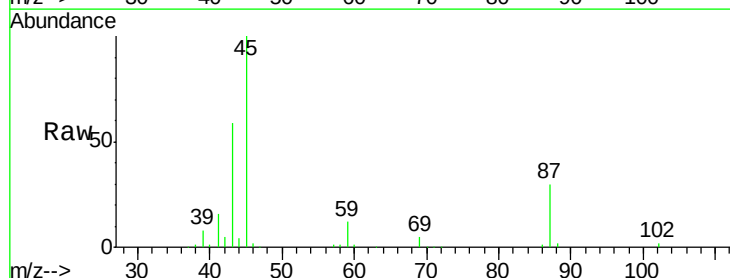
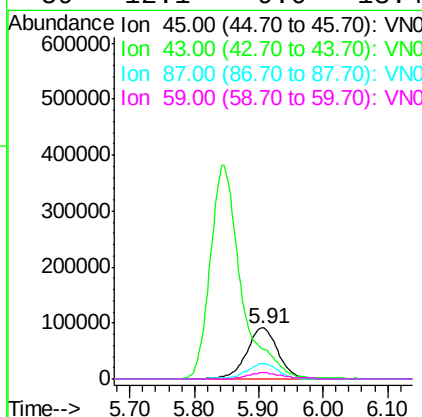
Manual Integrations
APPROVED

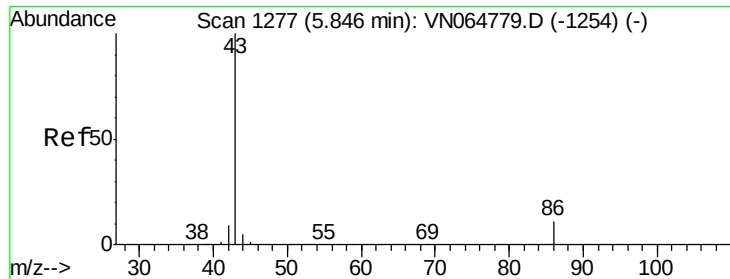
MMDadoda
11/25/2020 3:57:40 PM



#22
Diisopropyl ether
Concen: 50.457 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.2	46.2	69.2
87	29.7	24.1	36.1
59	12.1	9.0	13.4





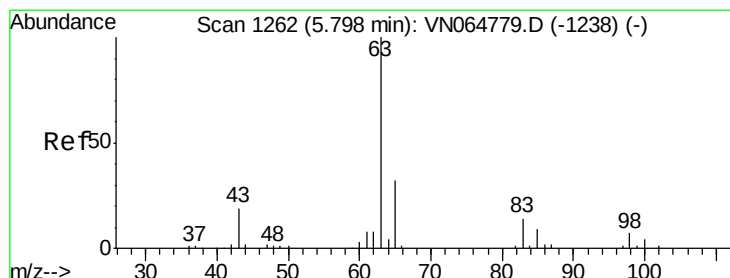
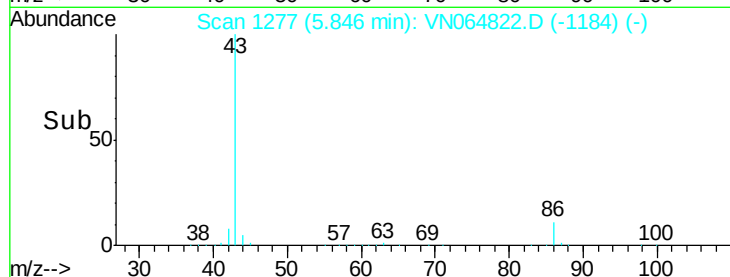
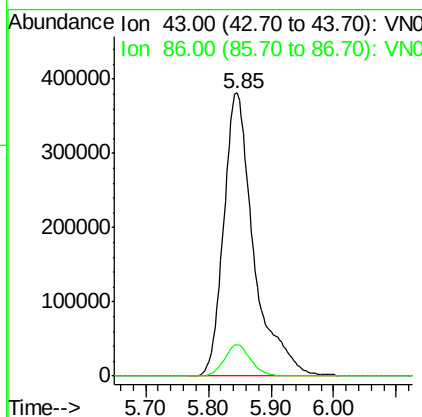
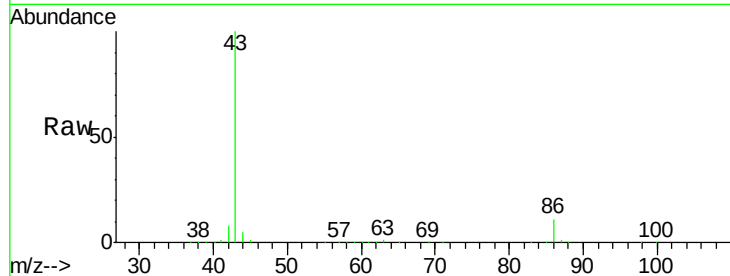
#23
 Vinyl Acetate
 Concen: 257.723 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1271535
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3

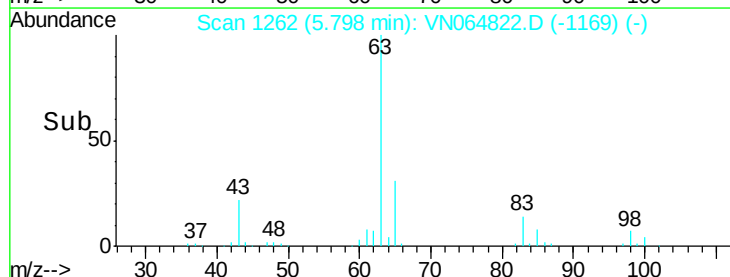
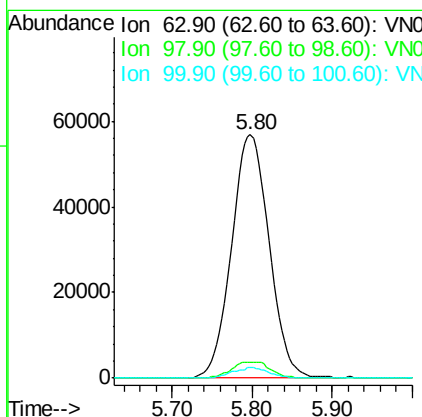
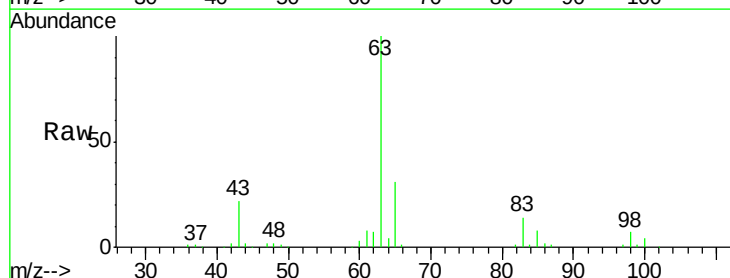
Manual Integrations
 APPROVED

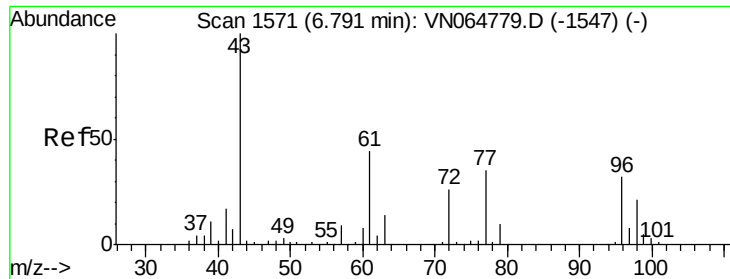
MMDadoda
 11/25/2020 3:57:40 PM



#24
 1,1-Dichloroethane
 Concen: 49.202 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion: 63 Resp: 181416
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 250.411 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 298981

Ion Ratio Lower Upper

43 100

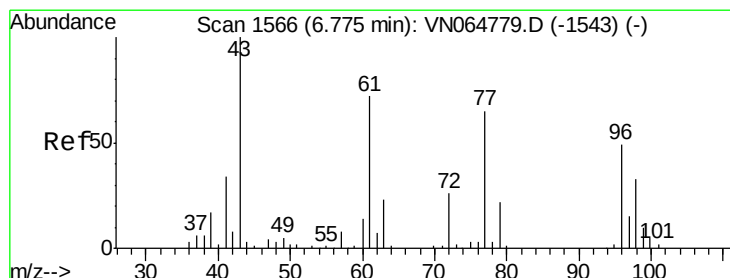
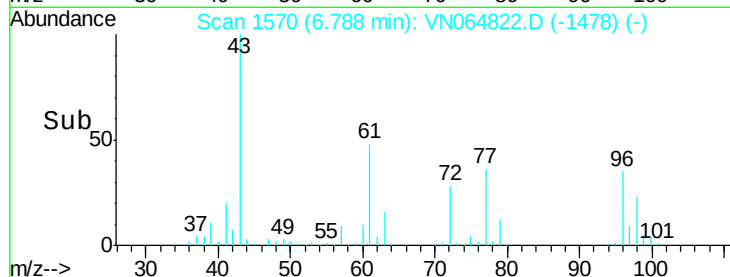
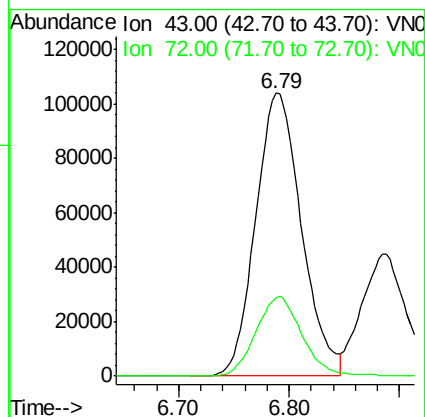
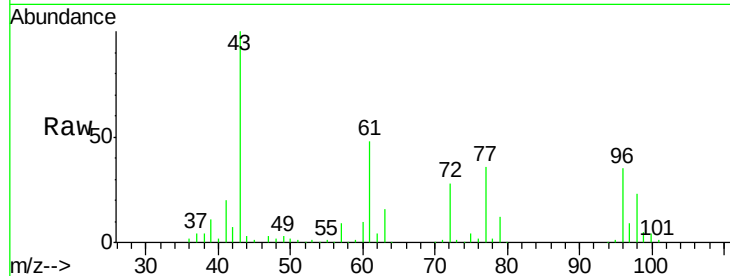
72 27.6 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

11/25/2020 3:57:40 PM



#26

2,2-Dichloropropane

Concen: 43.872 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064822.D

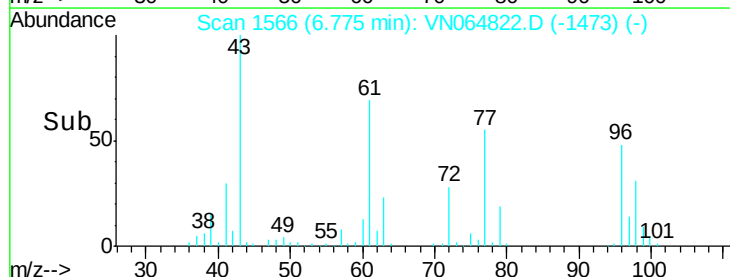
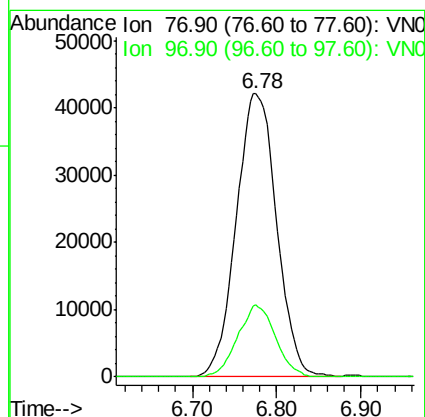
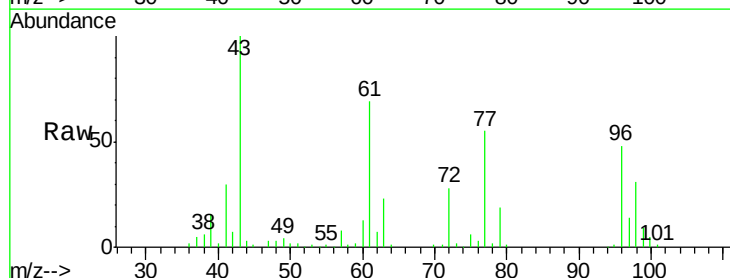
Acq: 24 Nov 2020 19:53

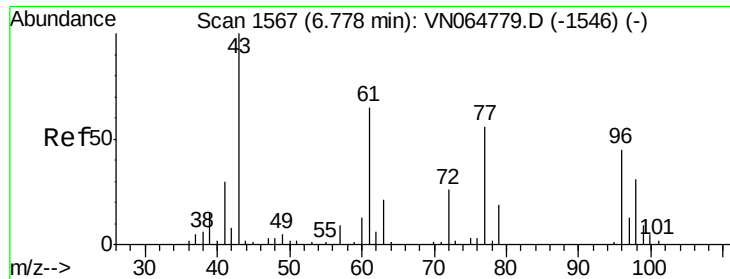
Tgt Ion: 77 Resp: 140299

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.271 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

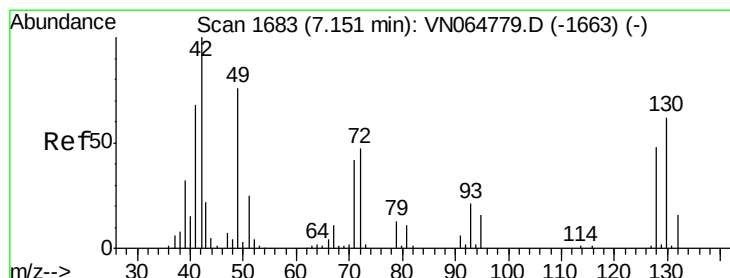
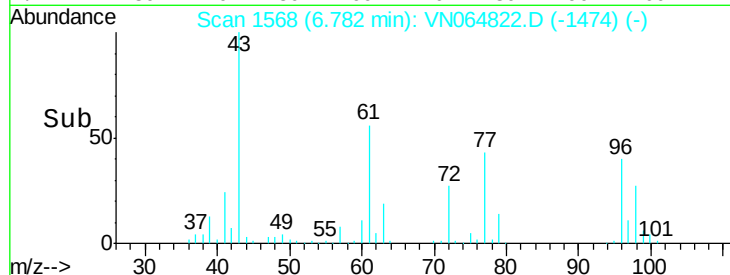
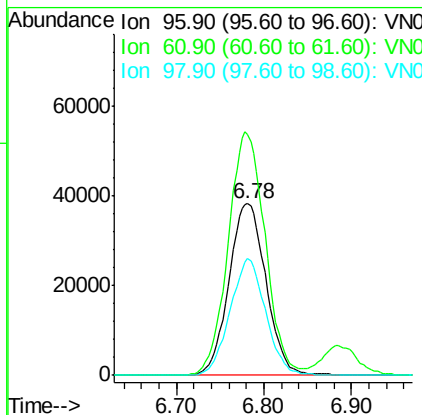
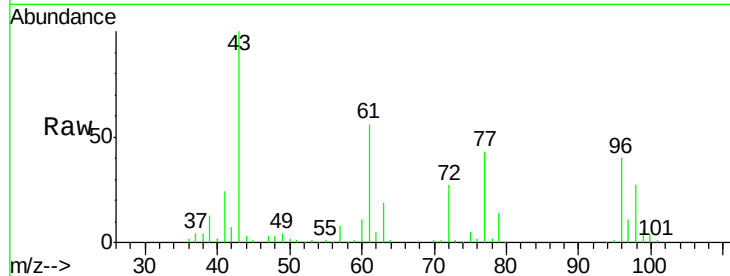
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	112728
Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	285.8
98	65.1	0.0	130.6

Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:40 PM



#28

Bromochloromethane

Concen: 48.829 ug/l

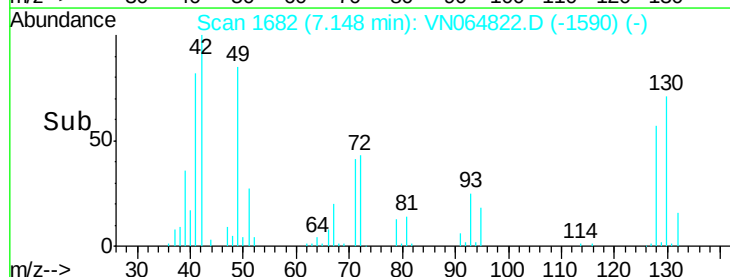
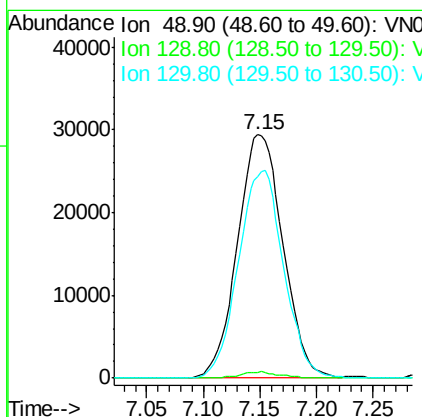
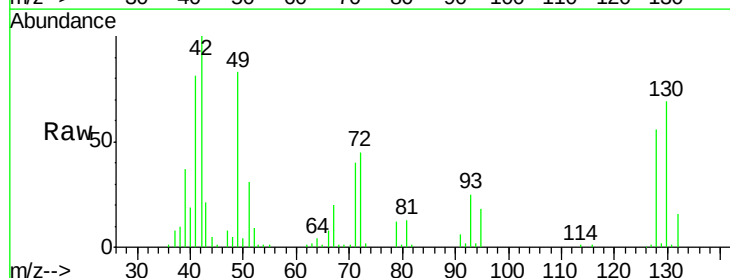
RT: 7.15 min Scan# 1682

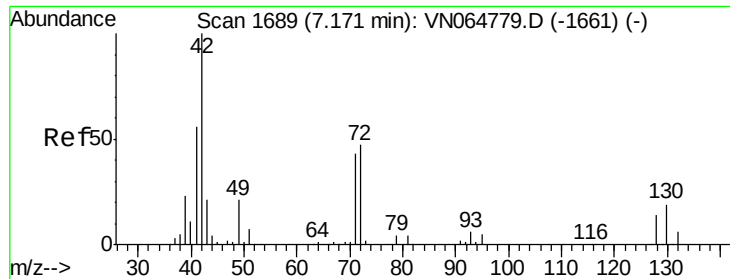
Delta R.T. -0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Tgt Ion:	49	Resp:	82365
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.8
130	84.7	66.2	99.2





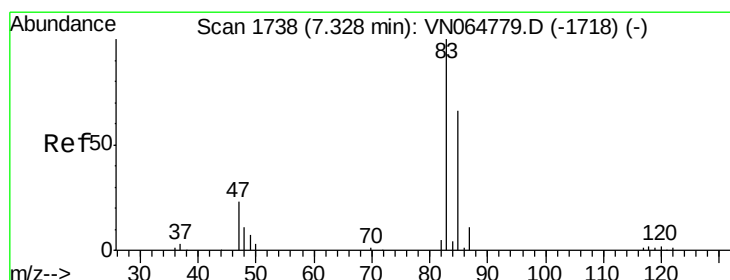
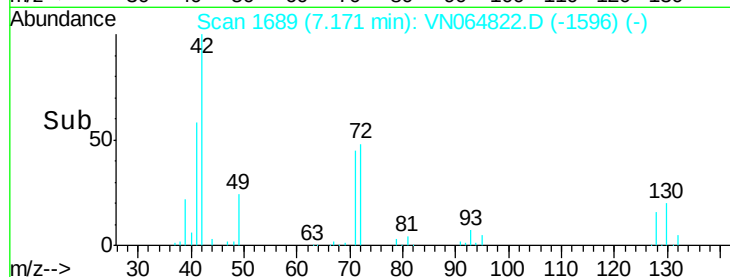
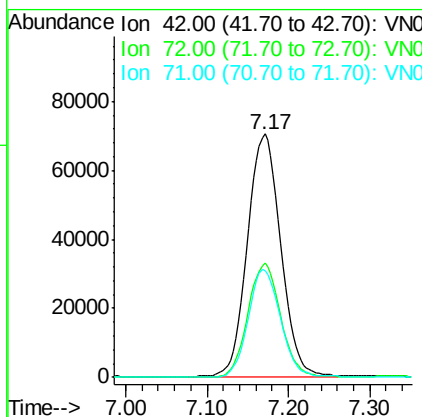
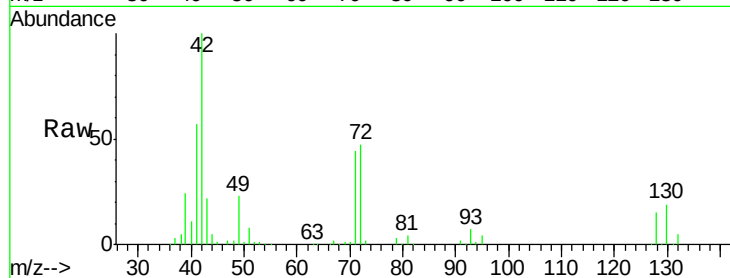
#29
Tetrahydrofuran
Concen: 243.093 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.6	54.8
71	42.4	33.6	50.4

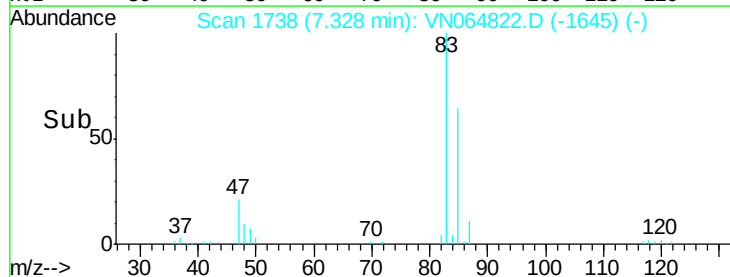
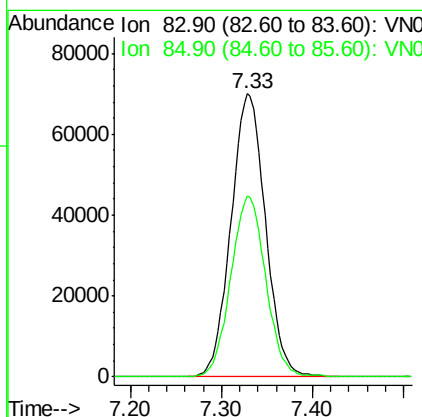
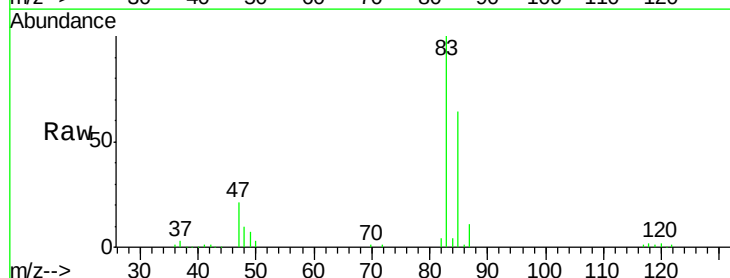
Manual Integrations
APPROVED

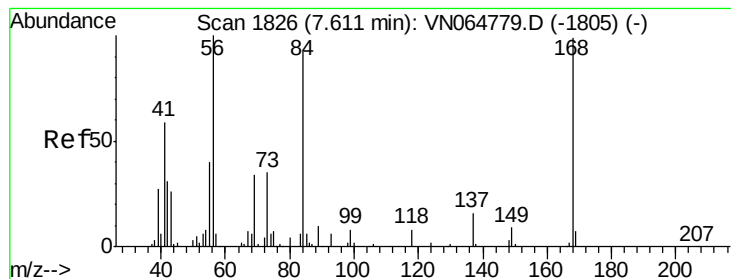
MMDadoda
11/25/2020 3:57:40 PM



#30
Chloroform
Concen: 48.437 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.6	78.8





#31

Cyclohexane

Concen: 47.272 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 147621

Ion Ratio Lower Upper

56 100

69 31.4 27.5 41.3

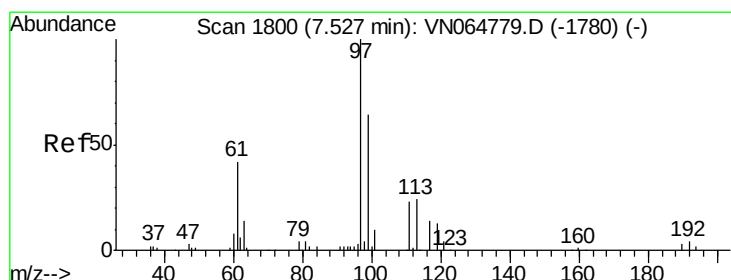
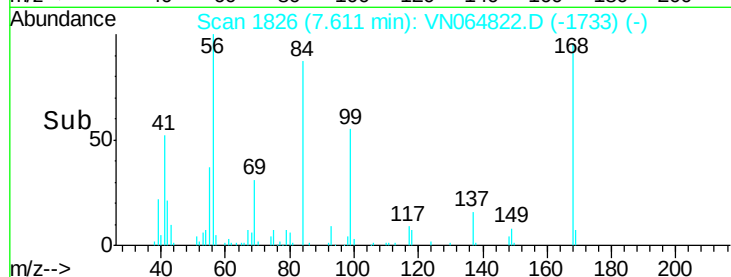
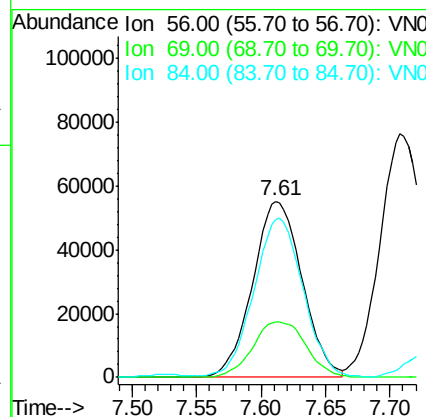
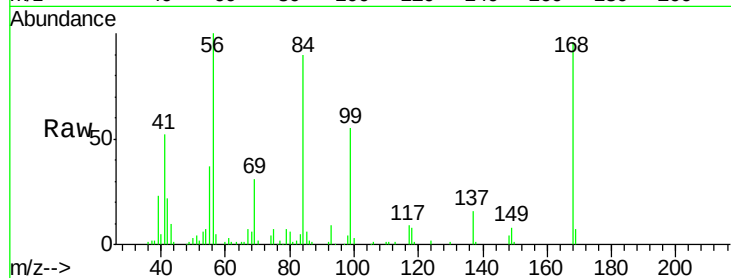
84 89.0 73.9 110.9

Manual Integrations

APPROVED

MMDadoda

11/25/2020 3:57:40 PM



#32

1,1,1-Trichloroethane

Concen: 47.998 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

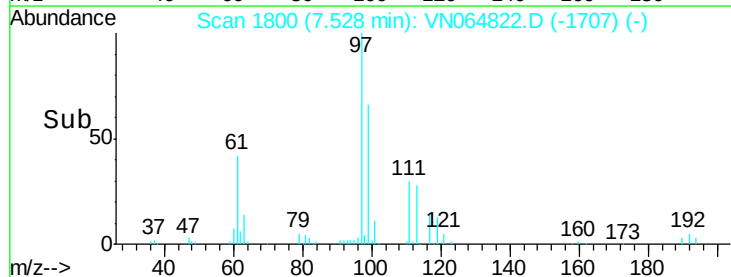
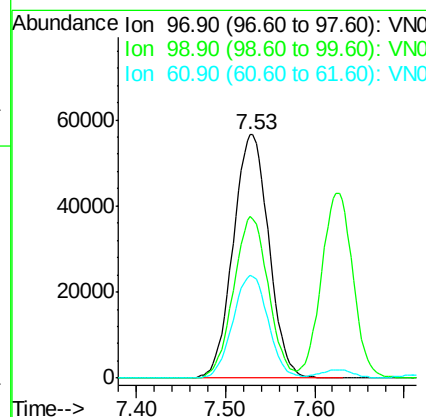
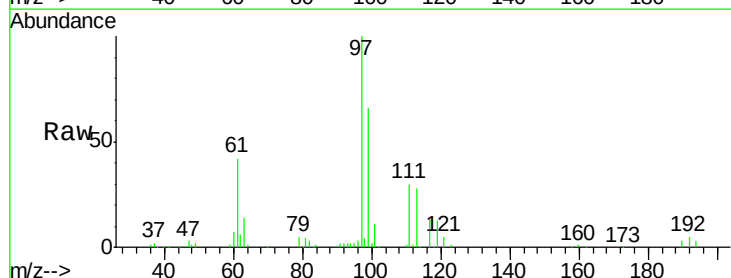
Tgt Ion: 97 Resp: 156749

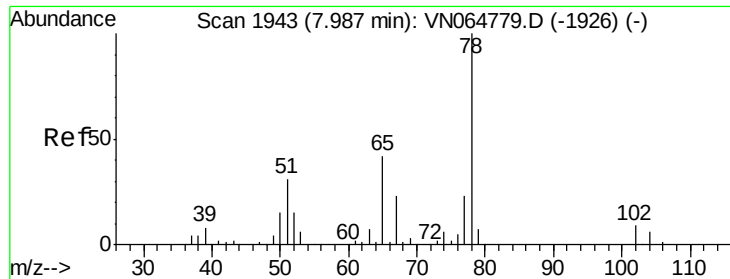
Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

61 41.8 33.9 50.9





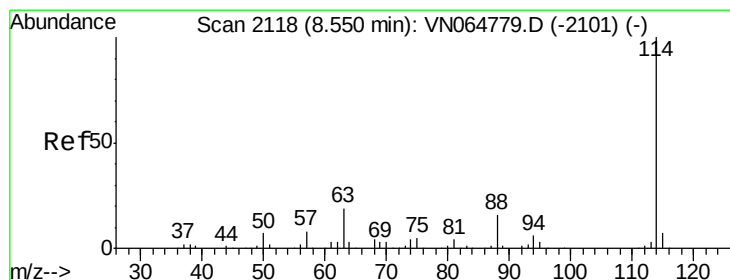
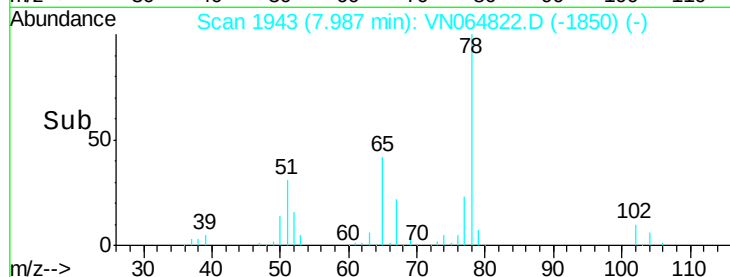
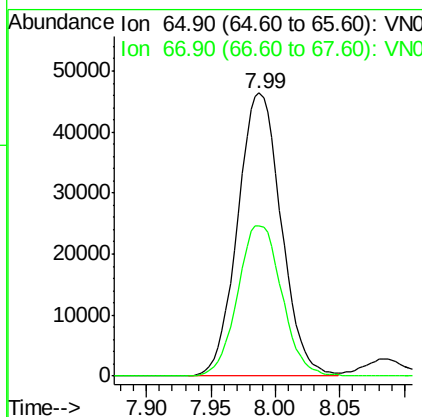
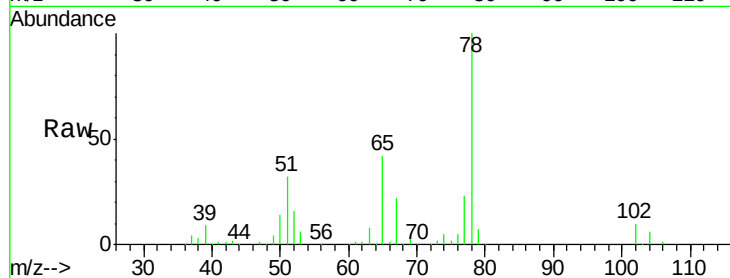
#33
 1,2-Dichloroethane-d4
 Concen: 48.769 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109270		
67	53.9	0.0	108.2	

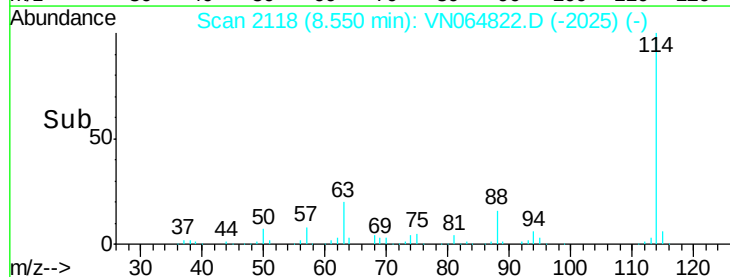
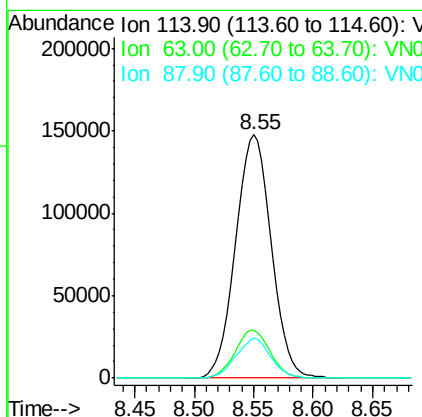
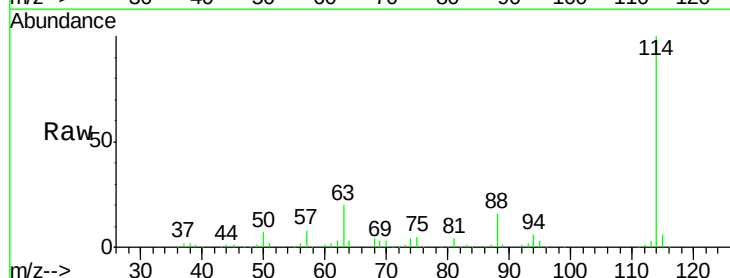
Manual Integrations
 APPROVED

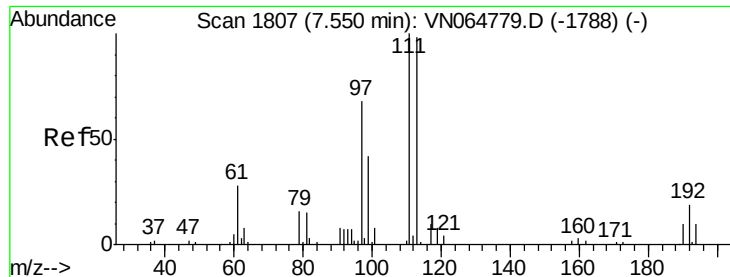
MMDadoda
 11/25/2020 3:57:40 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	307600		
63	19.6	0.0	38.6	
88	16.3	0.0	32.6	





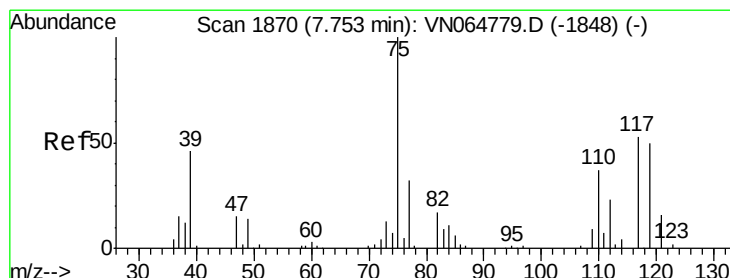
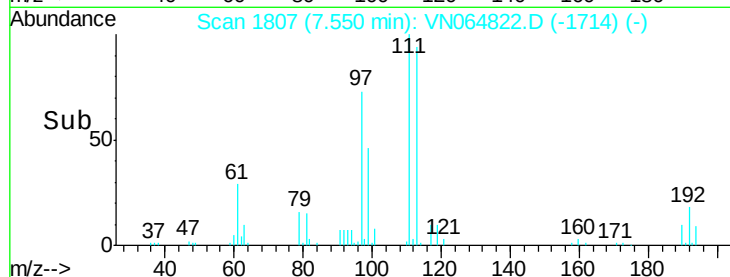
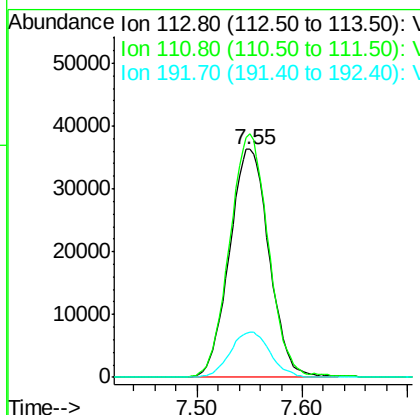
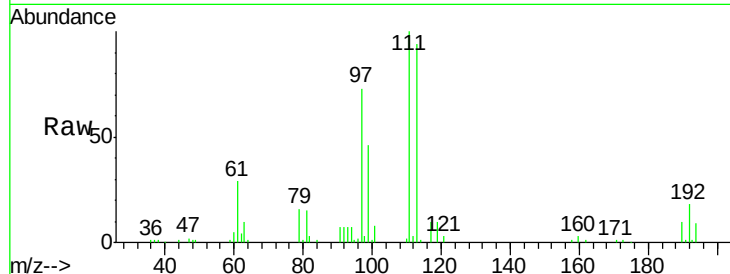
#35
 Dibromofluoromethane
 Concen: 51.400 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.6	122.4
192	19.8	16.2	24.2

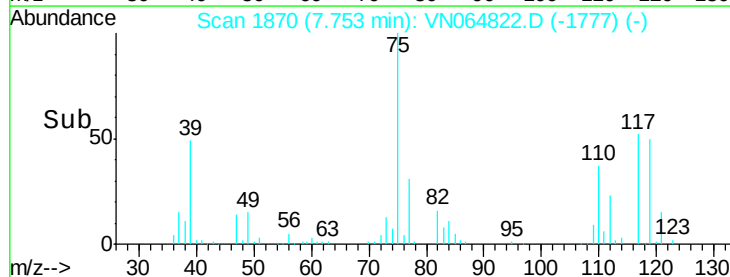
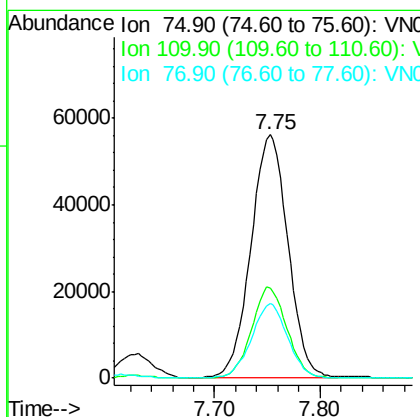
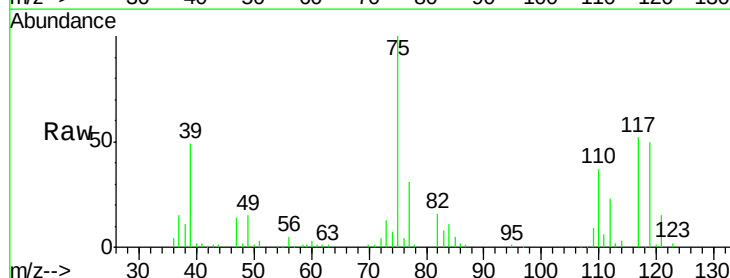
Manual Integrations
 APPROVED

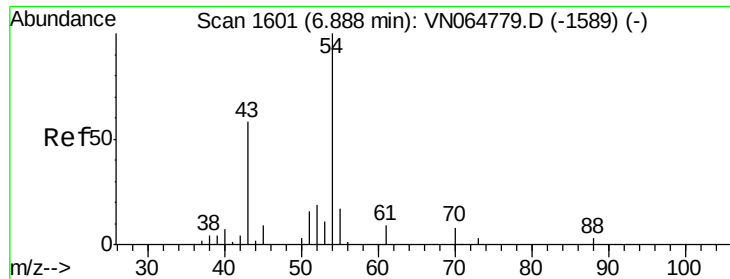
MMDadoda
 11/25/2020 3:57:40 PM



#36
 1,1-Dichloropropene
 Concen: 48.395 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.8	53.3
77	30.0	25.0	37.4





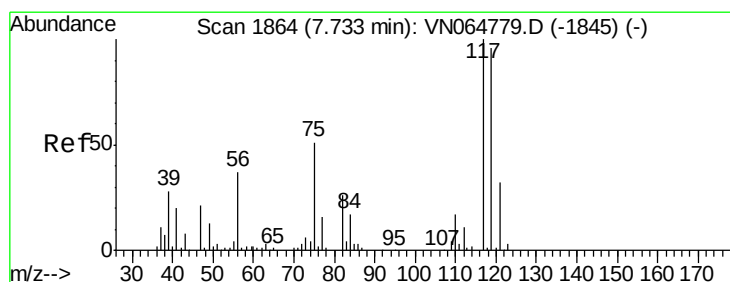
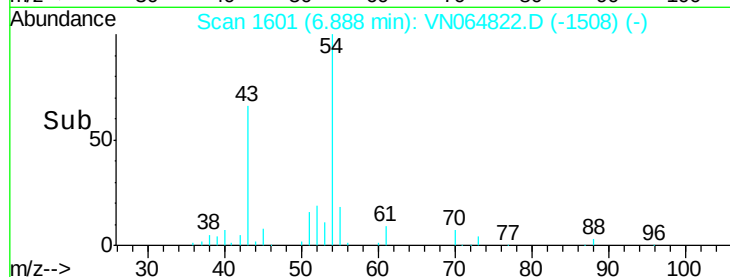
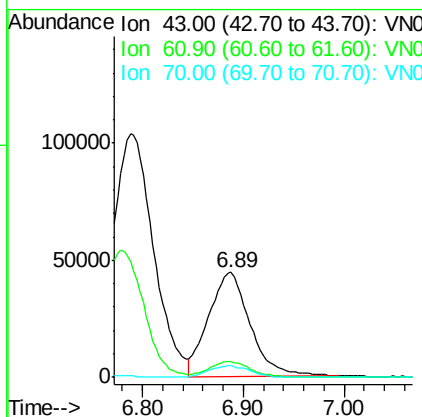
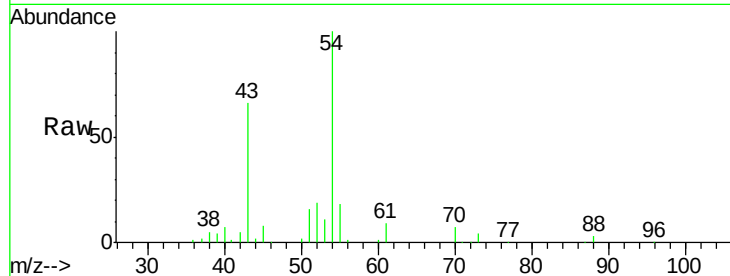
#37
Ethyl Acetate
Concen: 46.281 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.8	19.2
70	11.0	8.8	13.2

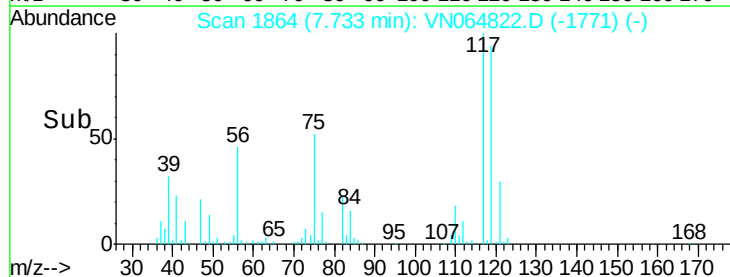
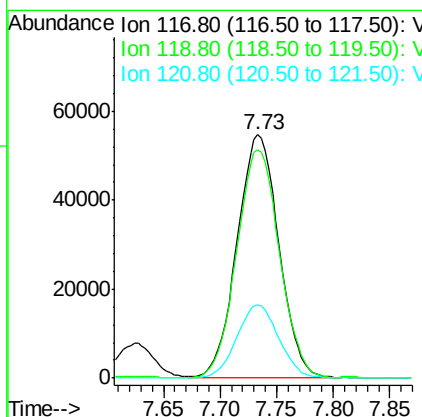
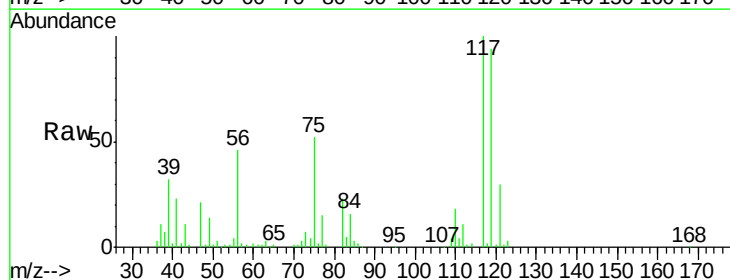
Manual Integrations
APPROVED

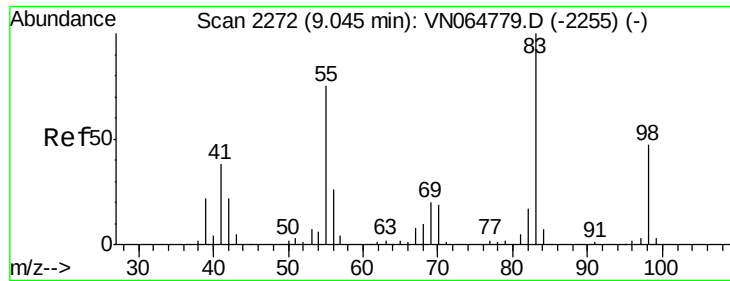
MMDadoda
11/25/2020 3:57:40 PM



#38
Carbon Tetrachloride
Concen: 47.086 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.7	115.1
121	30.3	25.4	38.2





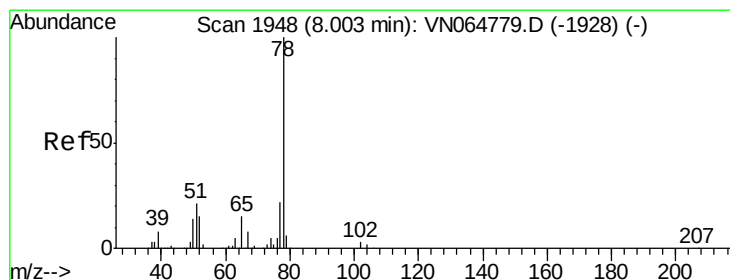
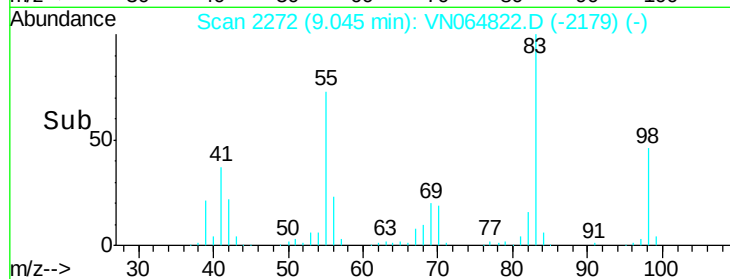
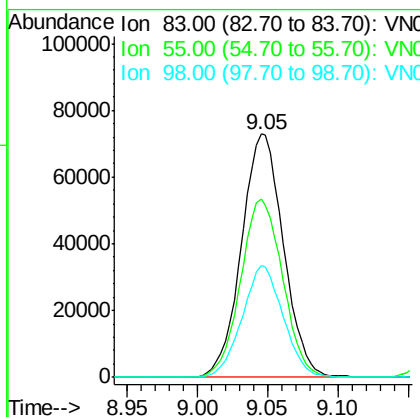
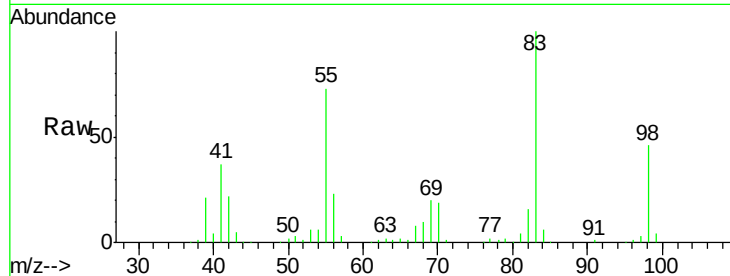
#39
Methylvlcyclohexane
Concen: 49.496 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	60.2	90.2
98	45.8	37.4	56.2

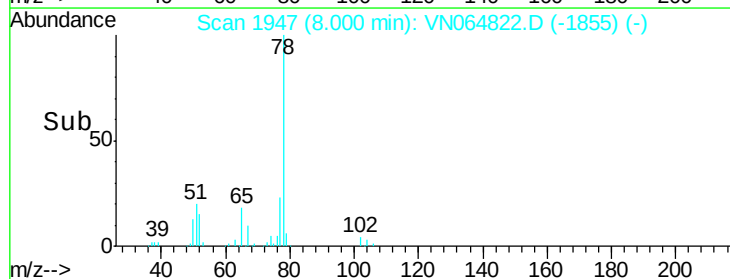
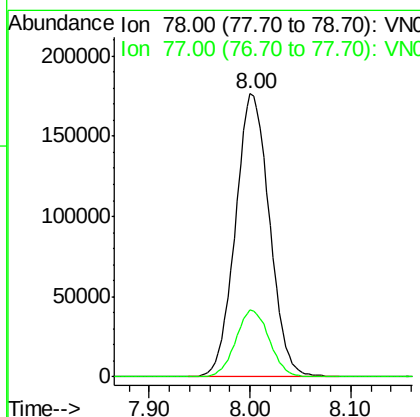
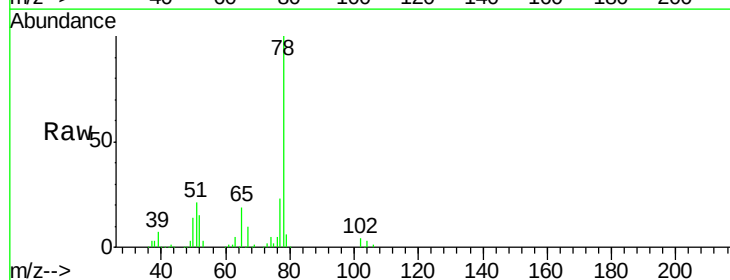
Manual Integrations
APPROVED

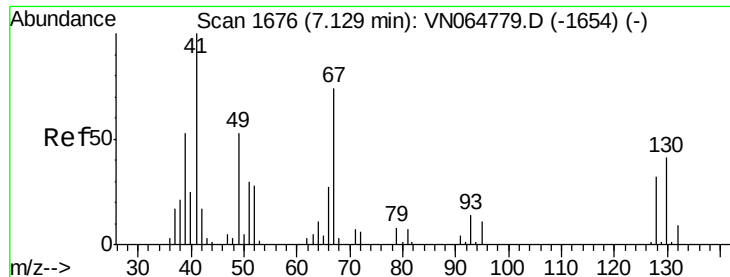
MMDadoda
11/25/2020 3:57:40 PM



#40
Benzene
Concen: 47.338 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	17.9	26.9





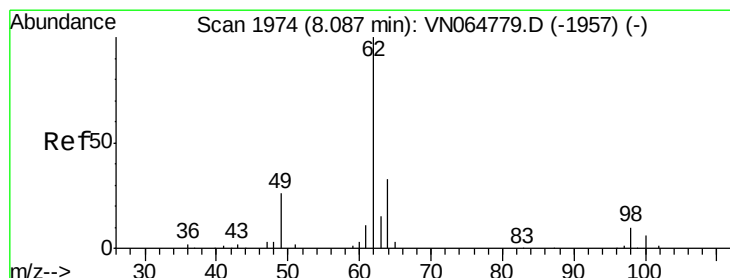
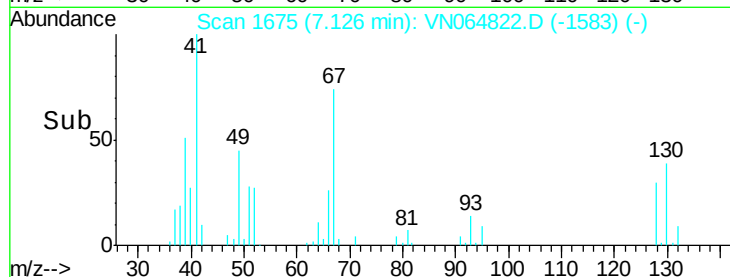
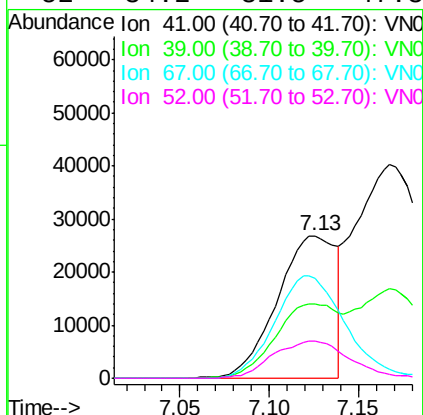
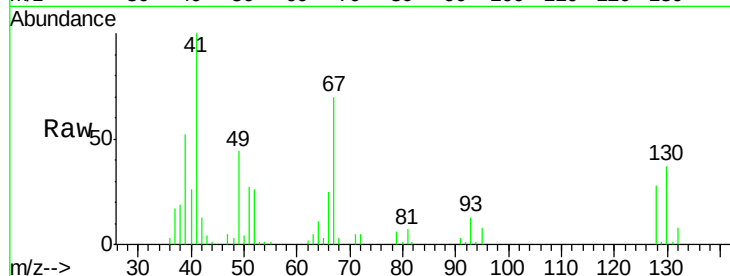
#41
Methacrylonitrile
Concen: 48.356 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.5	51.0	76.6	
67	86.6	79.8	119.8	
52	34.2	31.5	47.3	

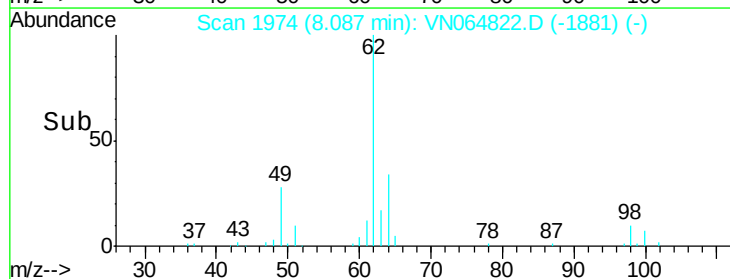
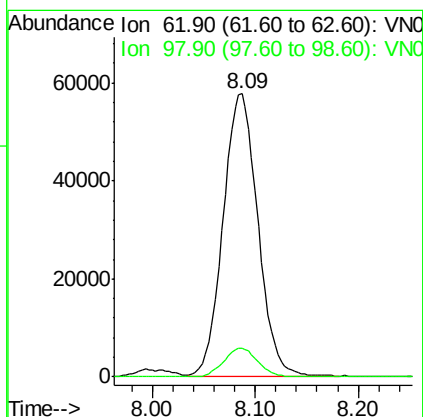
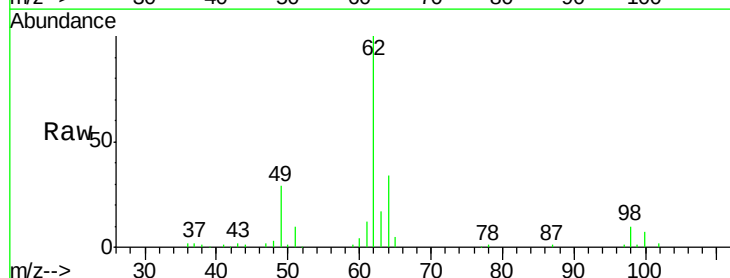
Manual Integrations
APPROVED

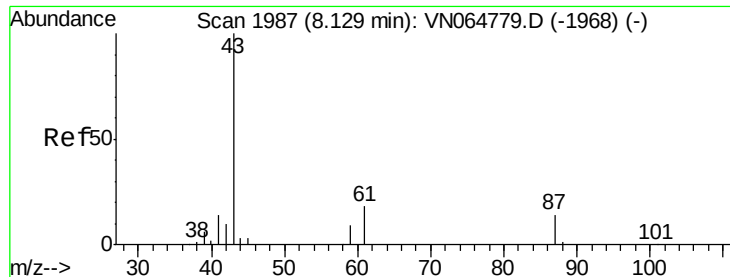
MMDadoda
11/25/2020 3:57:40 PM



#42
1,2-Dichloroethane
Concen: 45.885 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.6	





#43

Isopropyl Acetate

Concen: 46.499 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

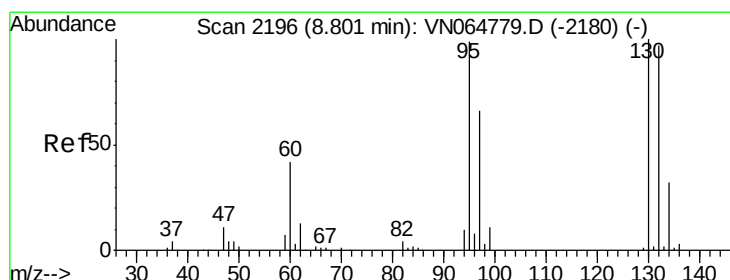
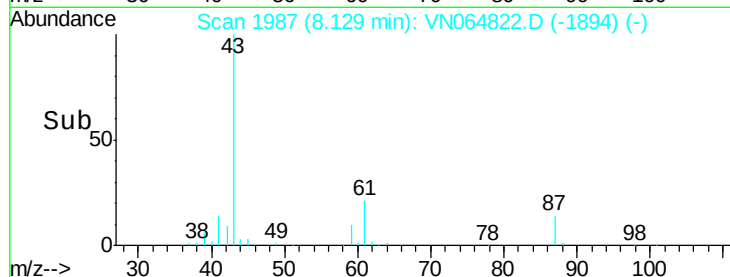
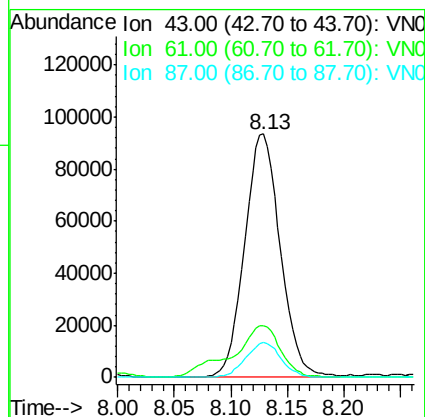
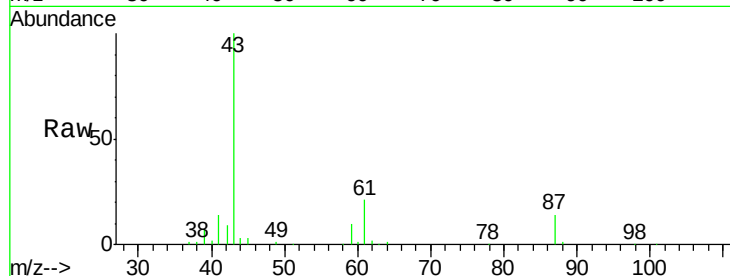
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	205493
Ion	Ratio	Lower	Upper
43	100		
61	29.0	17.2	25.8#
87	14.1	11.4	17.0

Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:40 PM



#44

Trichloroethene

Concen: 45.305 ug/l

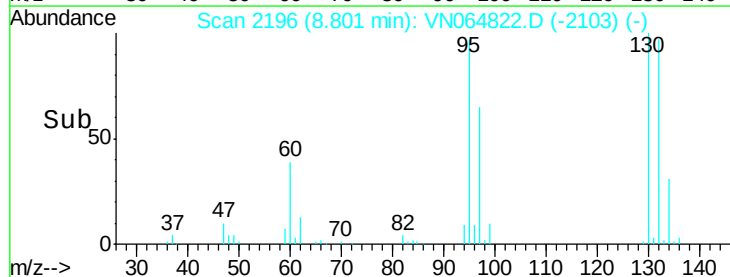
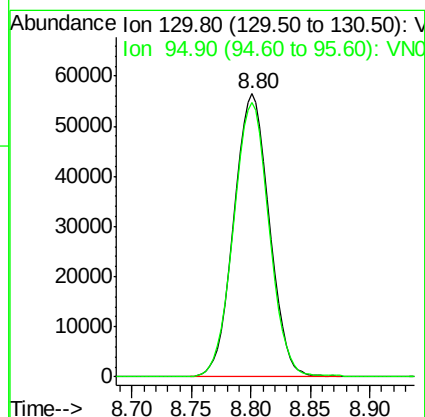
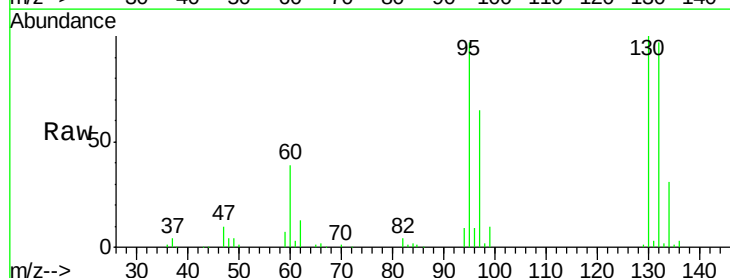
RT: 8.80 min Scan# 2196

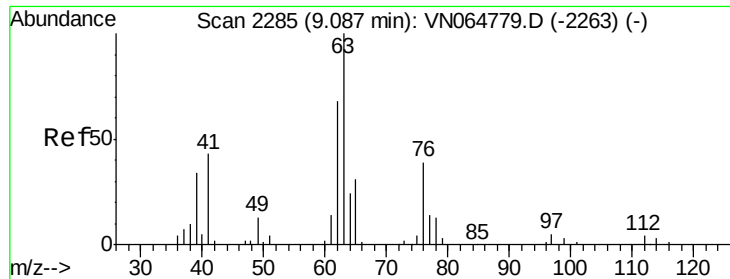
Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Tgt Ion:	130	Resp:	116789
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	197.8





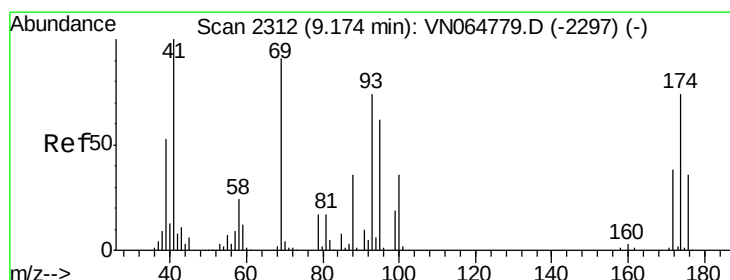
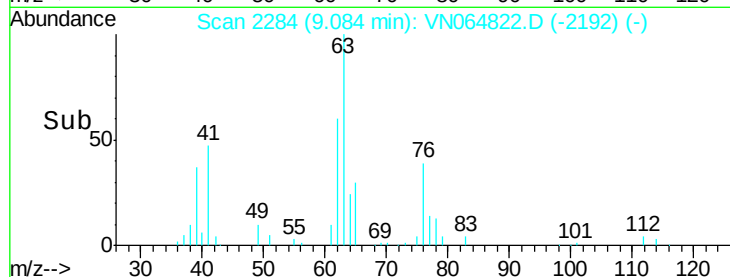
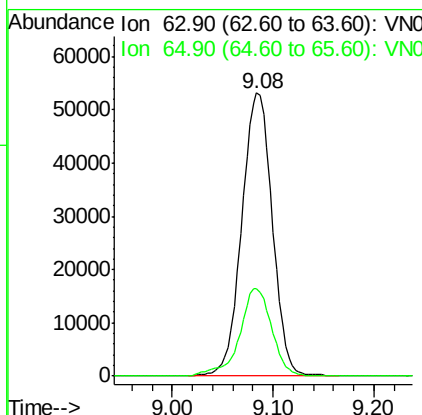
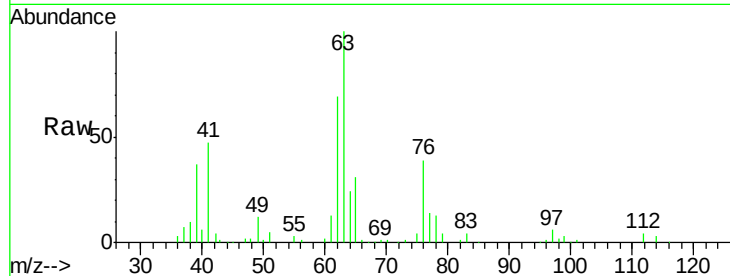
#45
 1,2-Dichloropropane
 Concen: 49.141 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 111186
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.4

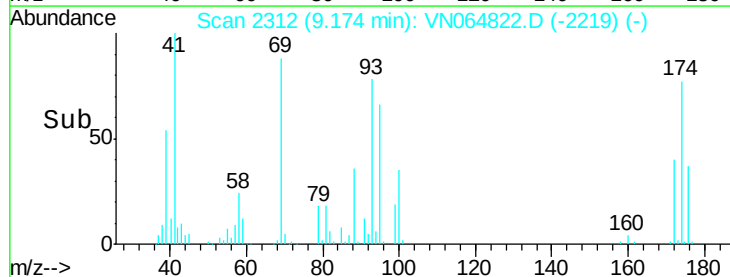
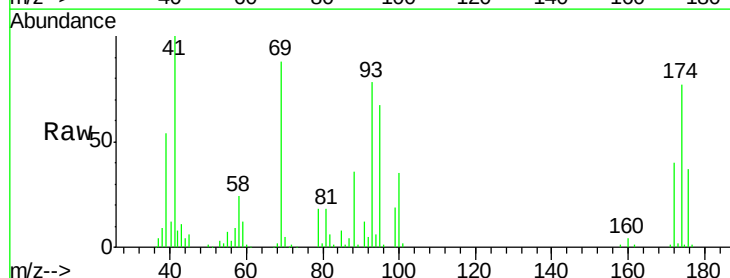
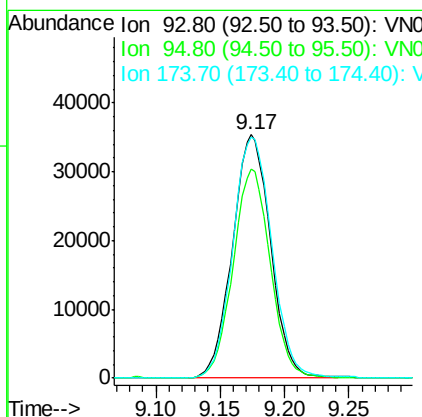
Manual Integrations
 APPROVED

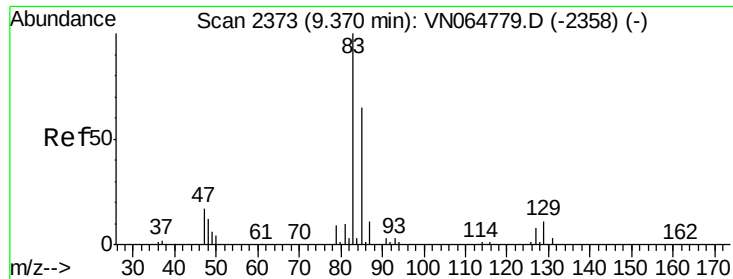
MMDadoda
 11/25/2020 3:57:40 PM



#46
 Dibromomethane
 Concen: 48.123 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion: 93 Resp: 72740
 Ion Ratio Lower Upper
 93 100
 95 84.0 68.8 103.2
 174 101.3 83.1 124.7





#47

Bromodichloromethane

Concen: 47.967 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

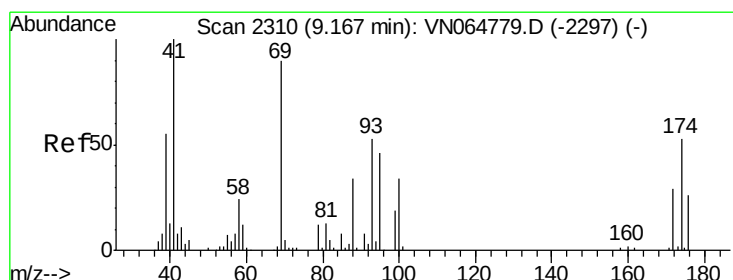
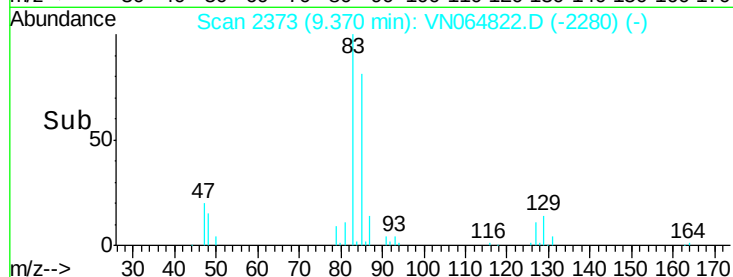
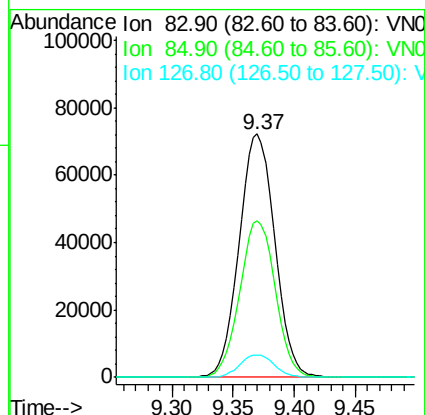
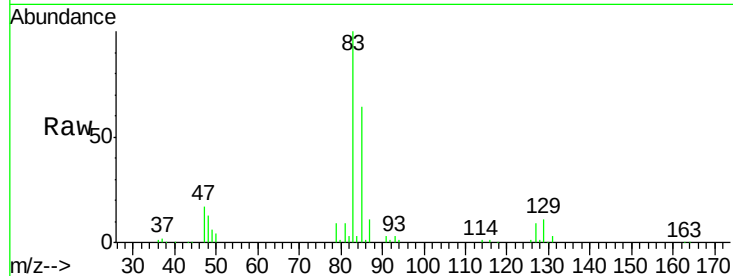
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	145887
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.8	77.8
127	9.0	6.8	10.2

Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:40 PM



#48

Methyl methacrylate

Concen: 48.545 ug/l

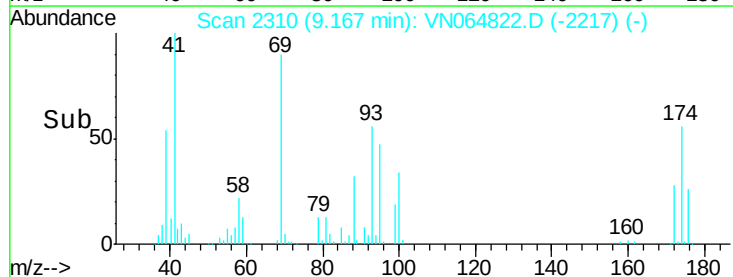
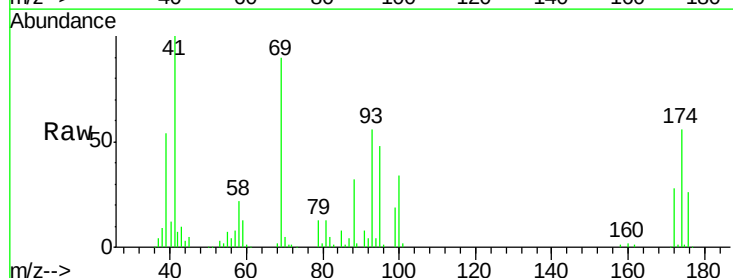
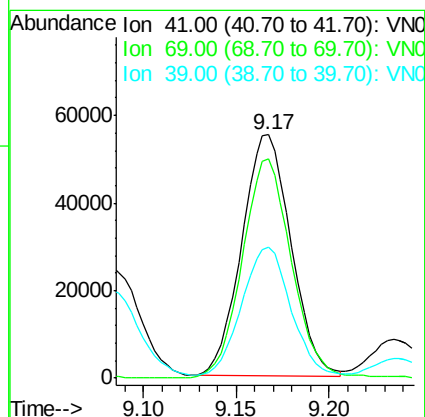
RT: 9.17 min Scan# 2310

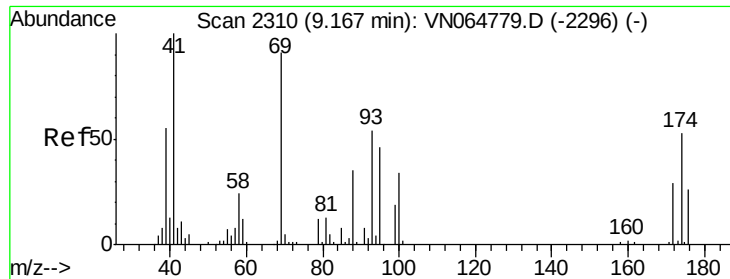
Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Tgt Ion:	41	Resp:	102512
Ion Ratio	Lower	Upper	
41	100		
69	90.9	71.8	107.8
39	55.2	44.1	66.1





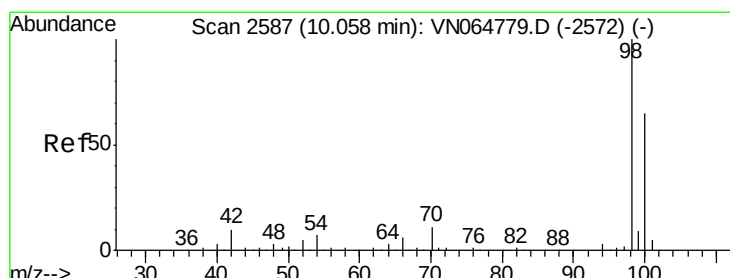
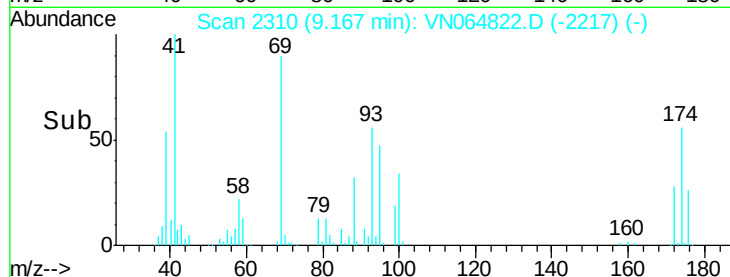
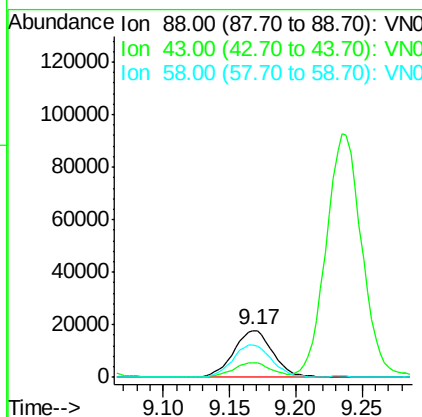
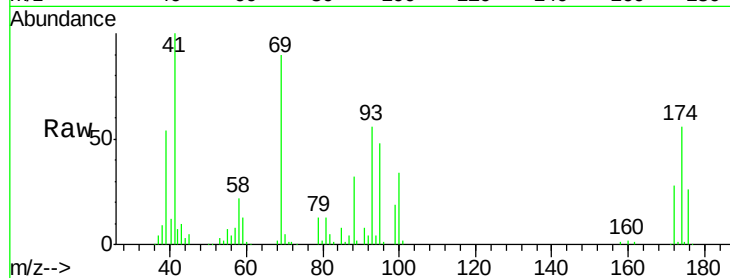
#49
1,4-Dioxane
Concen: 914.166 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	36486
Ion	Ratio	Lower	Upper
88	100		
43	31.7	24.2	36.4
58	68.9	52.5	78.7

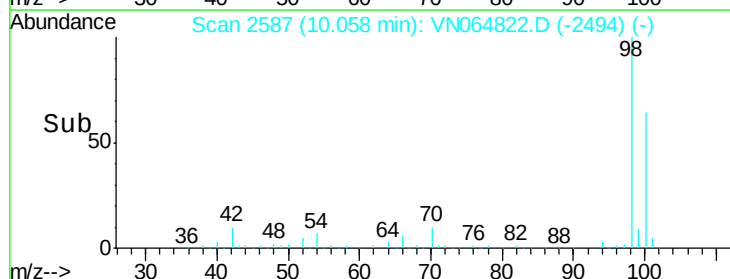
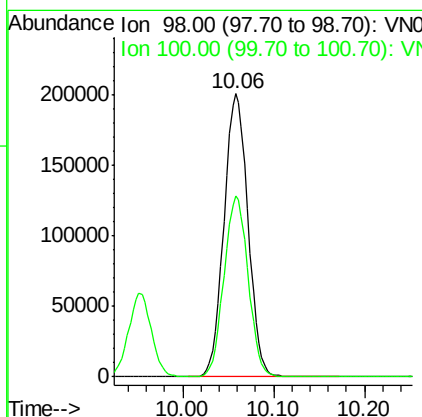
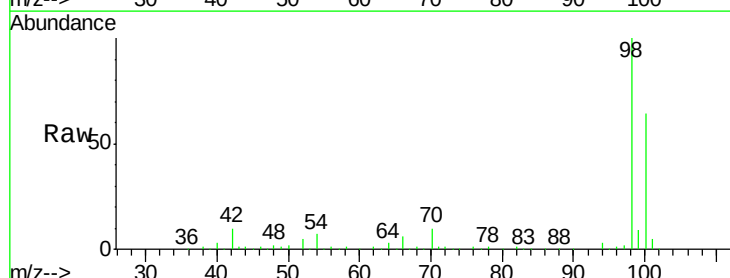
Manual Integrations
APPROVED

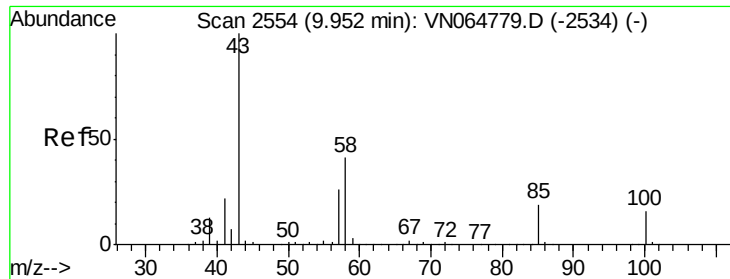
MMDadoda
11/25/2020 3:57:40 PM



#50
Toluene-d8
Concen: 49.053 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	98	Resp	368898
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.7	77.5





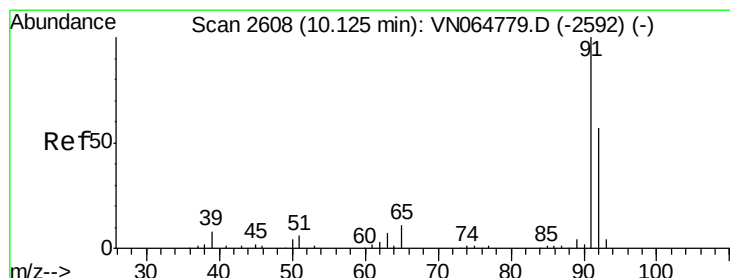
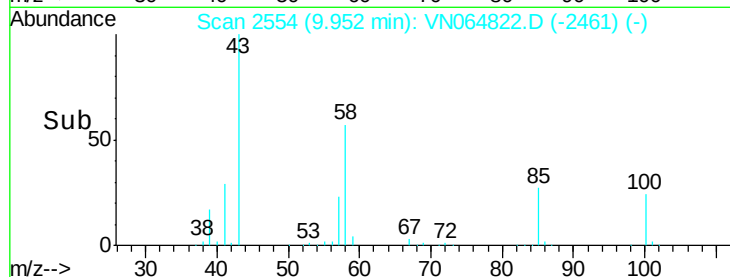
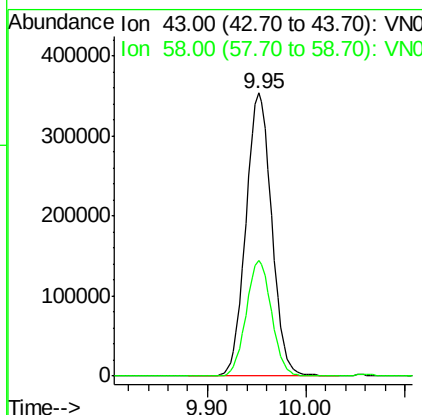
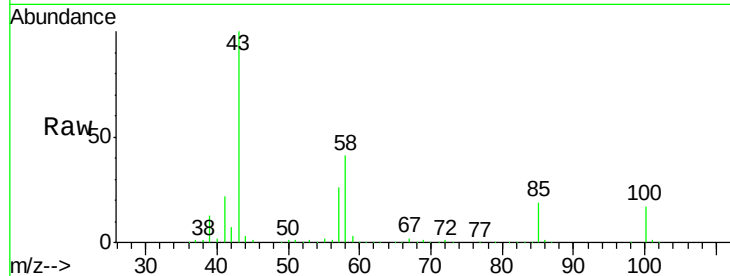
#51
4-Methyl-2-Pentanone
Concen: 240.917 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	40.1		32.4	48.6	

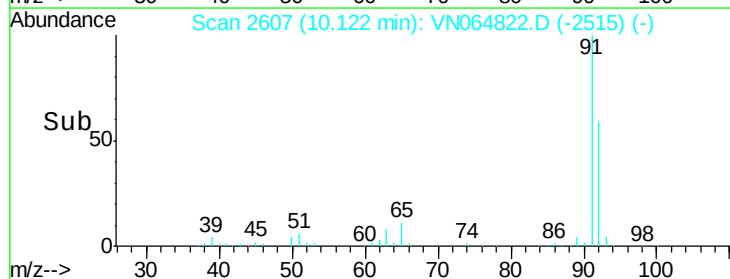
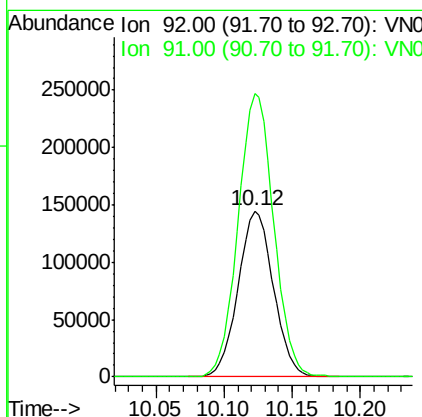
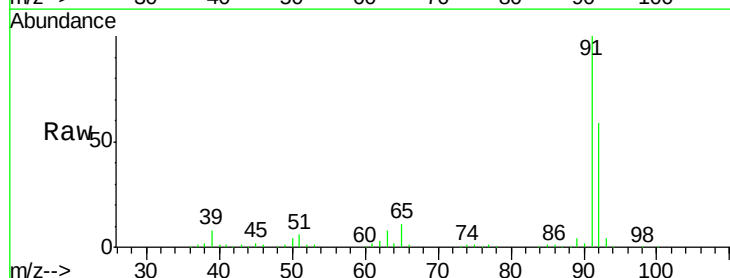
Manual Integrations
APPROVED

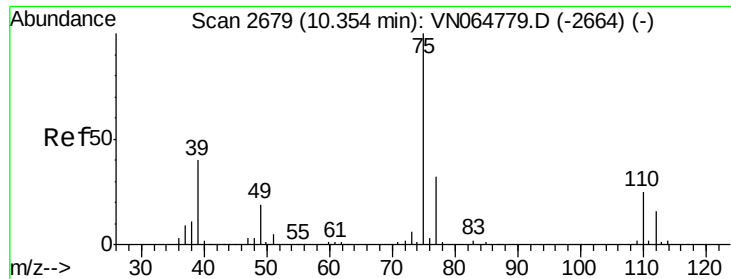
MMDadoda
11/25/2020 3:57:40 PM



#52
Toluene
Concen: 48.265 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	172.9		139.1	208.7	





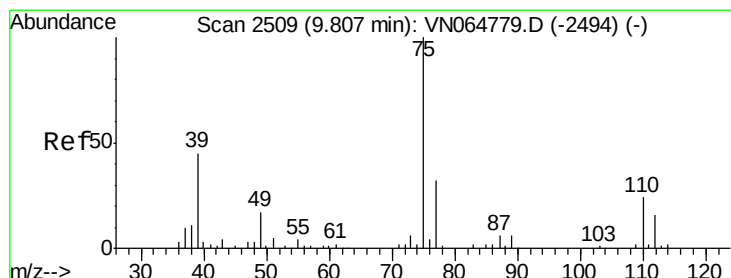
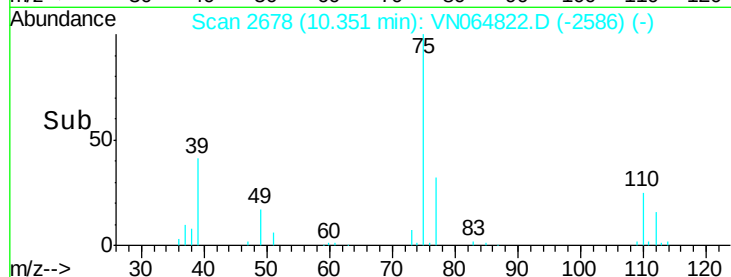
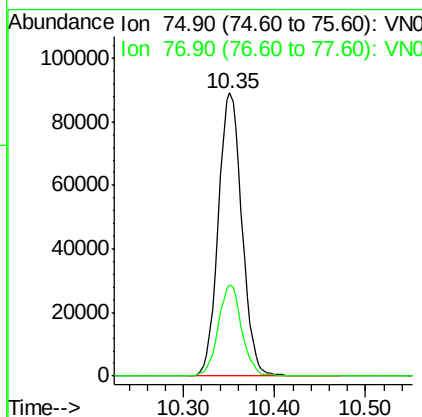
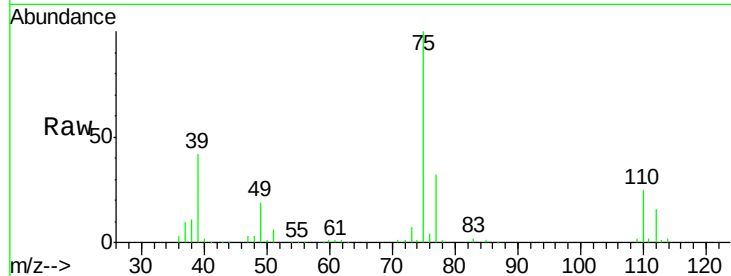
#53
t-1,3-Dichloropropene
Concen: 47.479 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 160836
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6

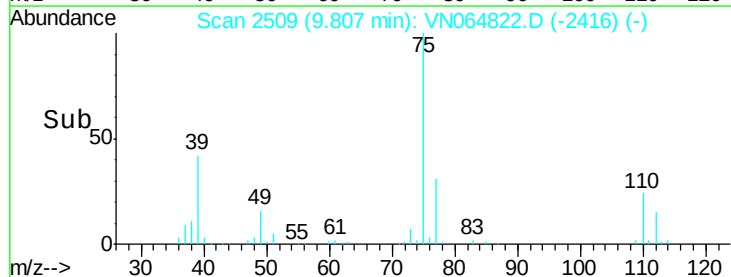
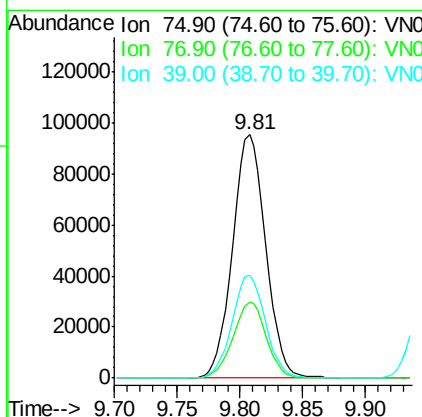
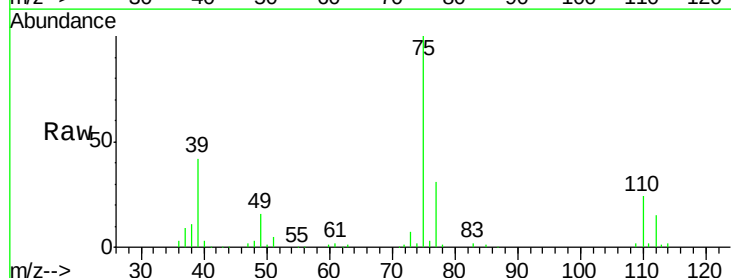
Manual Integrations
APPROVED

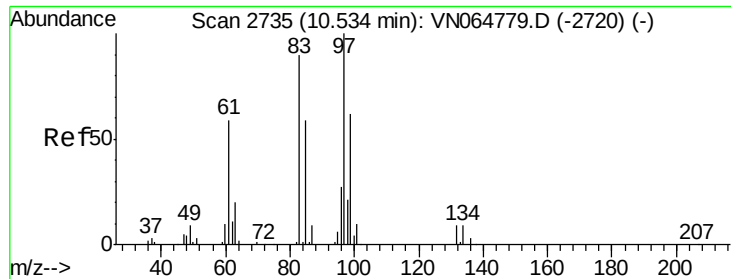
MMDadoda
11/25/2020 3:57:40 PM



#54
cis-1,3-Dichloropropene
Concen: 48.274 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion: 75 Resp: 175284
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3
39 42.2 35.6 53.4





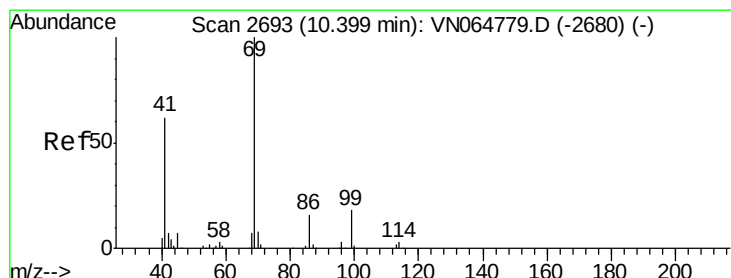
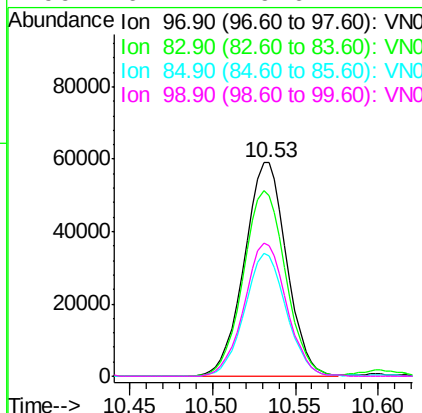
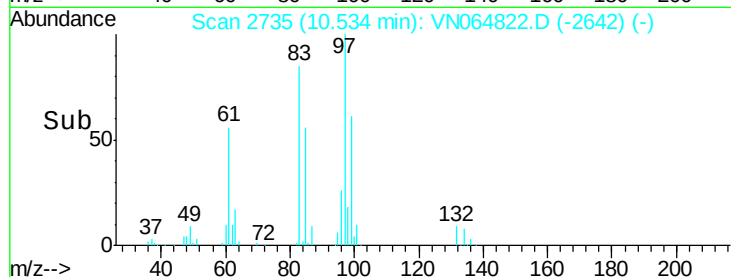
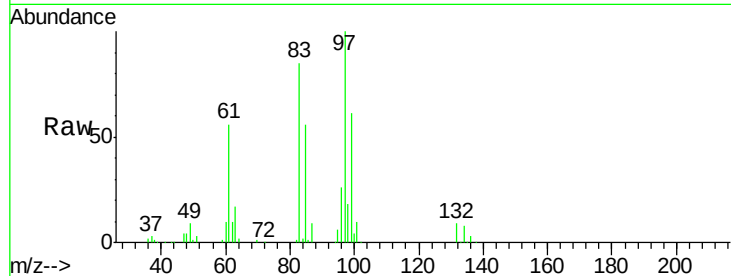
#55
 1,1,2-Trichloroethane
 Concen: 47.574 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	105259
Ion	Ratio	Lower	Upper
97	100		
83	84.7	72.1	108.1
85	56.4	46.8	70.2
99	61.2	49.6	74.4

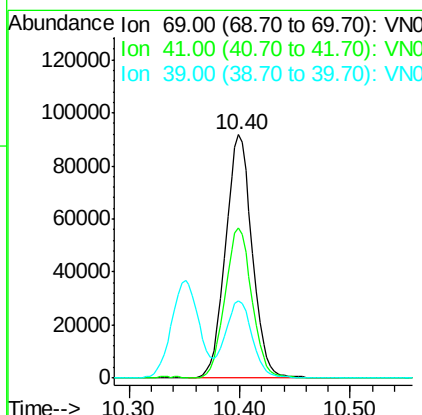
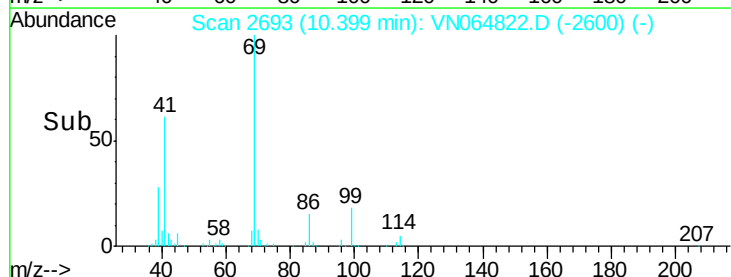
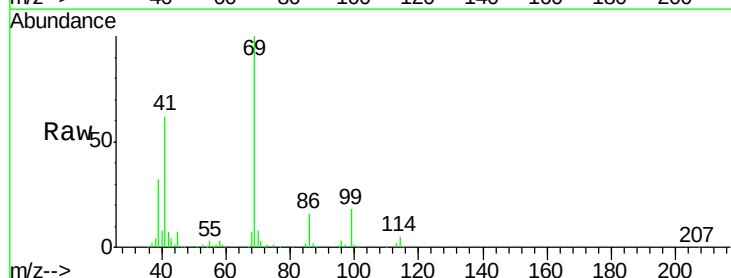
Manual Integrations
 APPROVED

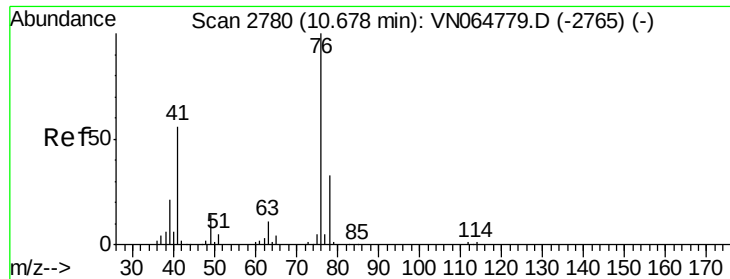
MMDadoda
 11/25/2020 3:57:40 PM



#56
 Ethyl methacrylate
 Concen: 50.500 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion	69	Resp	154187
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.4	74.0
39	31.5	25.9	38.9





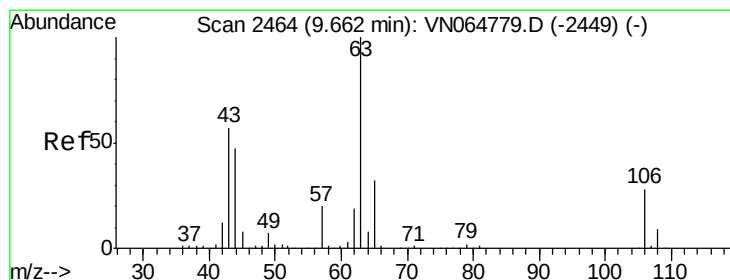
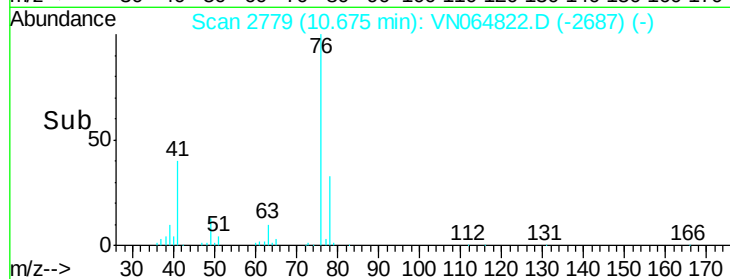
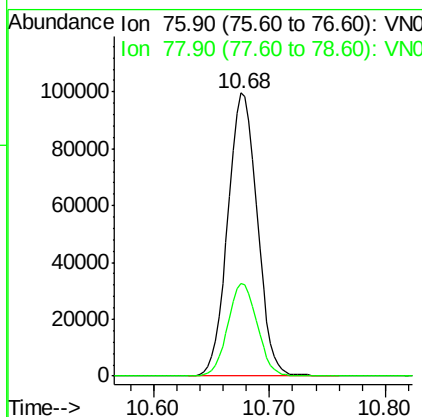
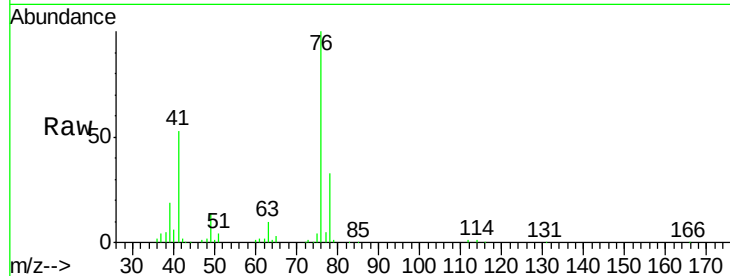
#57
 1,3-Dichloropropane
 Concen: 48.181 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 175847
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1

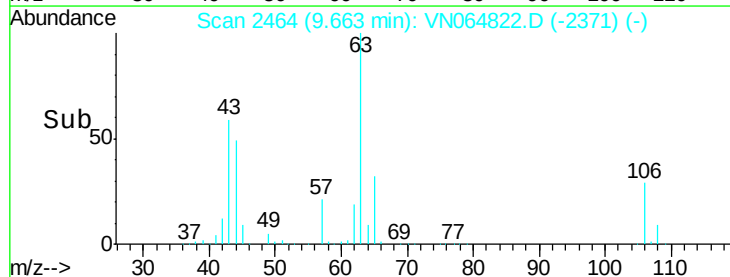
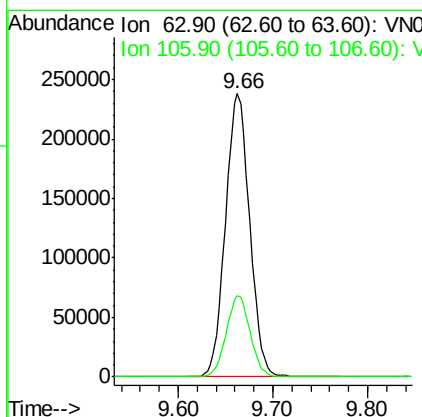
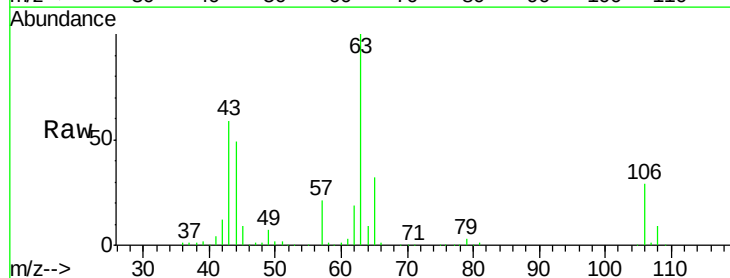
Manual Integrations
 APPROVED

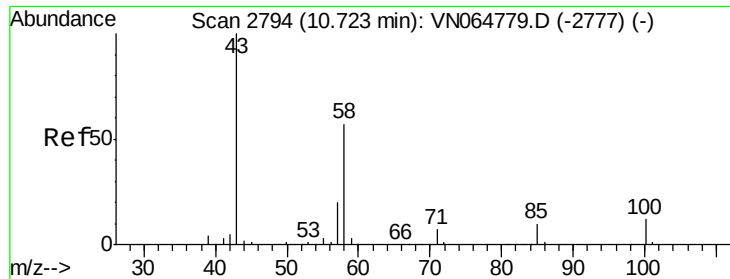
MMDadoda
 11/25/2020 3:57:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.321 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion: 63 Resp: 423768
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1





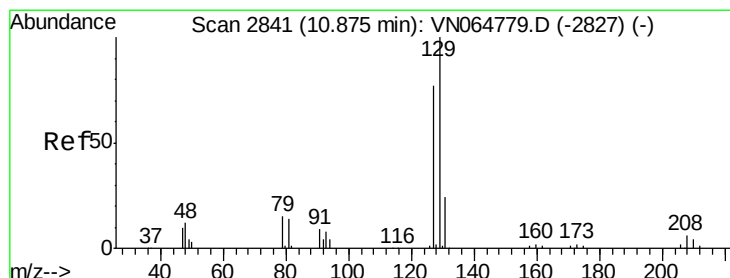
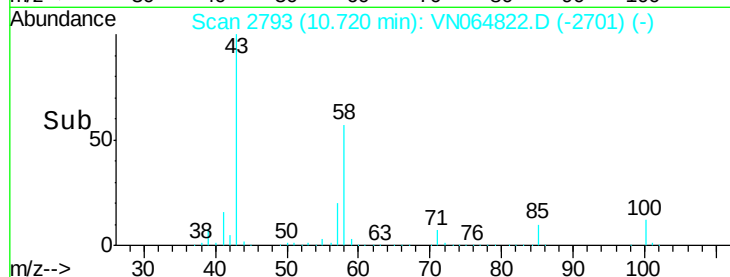
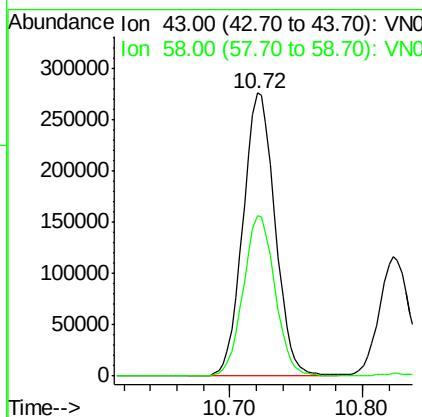
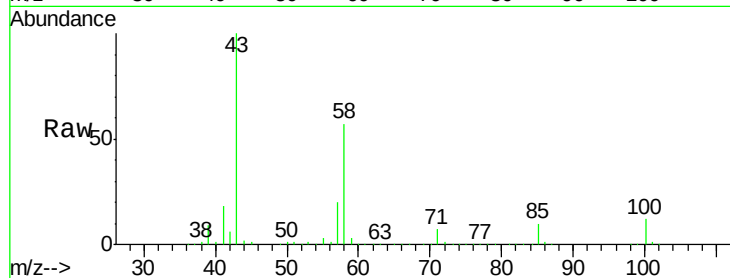
#59
2-Hexanone
Concen: 243.434 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58		56.0		28.3	84.9

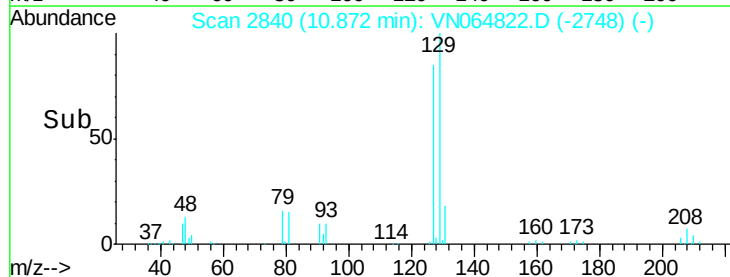
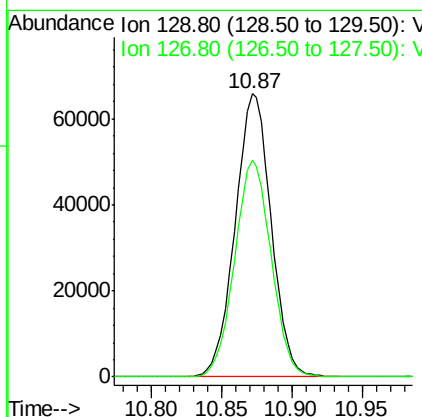
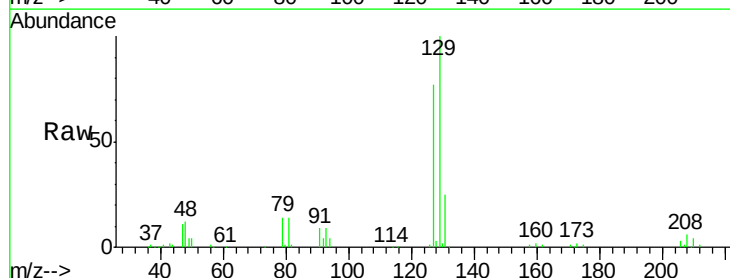
Manual Integrations
APPROVED

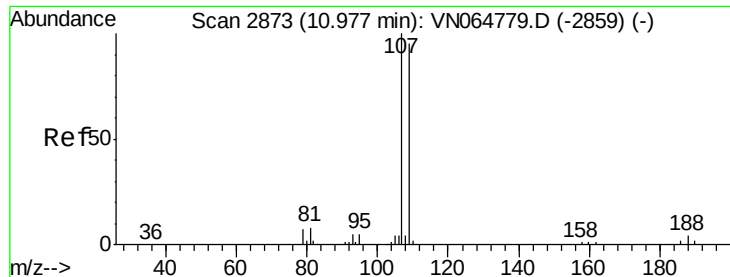
MMDadoda
11/25/2020 3:57:40 PM



#60
Dibromochloromethane
Concen: 47.940 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	129	127	Ratio	Lower	Upper
129	100				
127		77.3		39.1	117.2





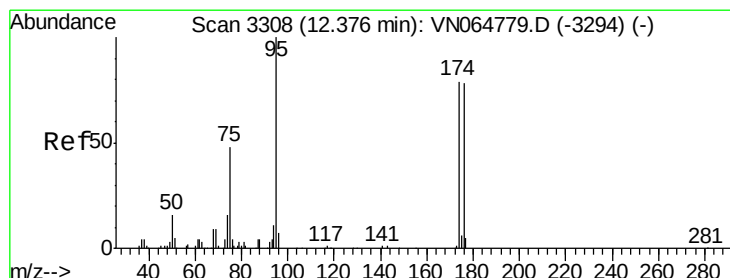
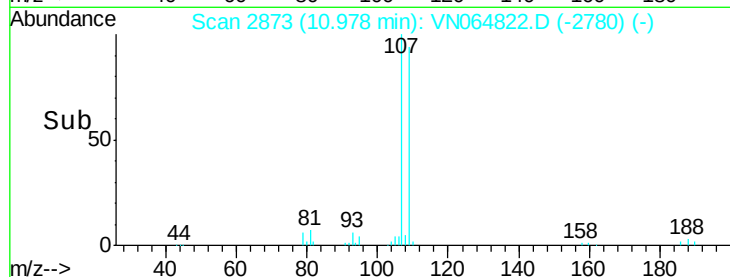
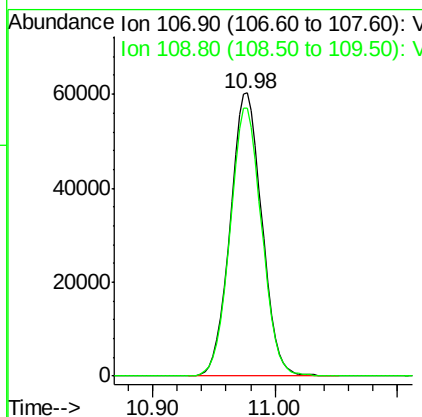
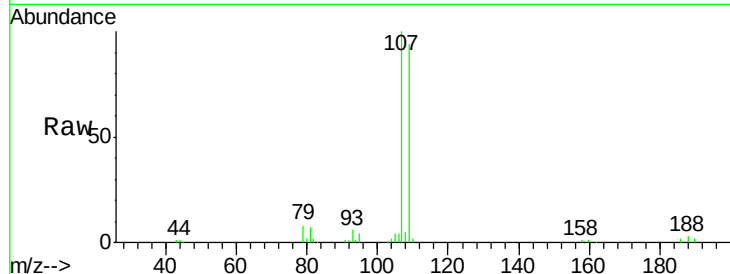
#61
 1,2-Dibromoethane
 Concen: 48.314 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	108603		
109	94.9	76.0	114.0	

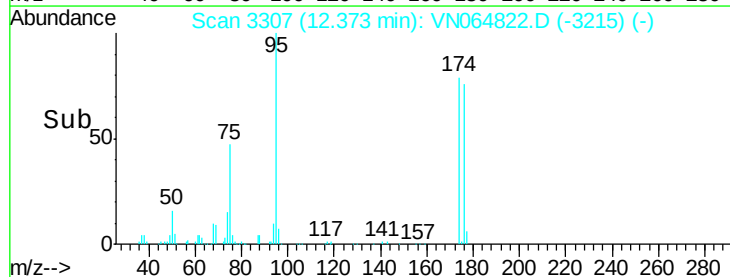
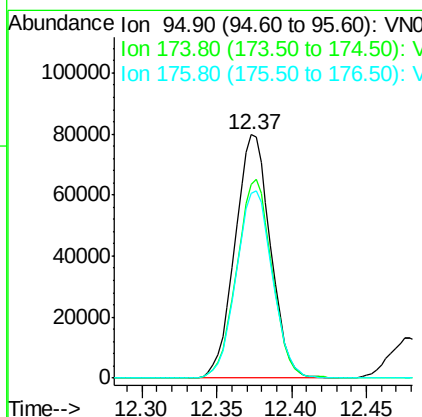
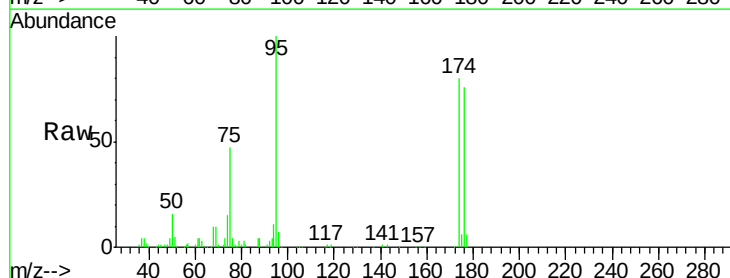
Manual Integrations
 APPROVED

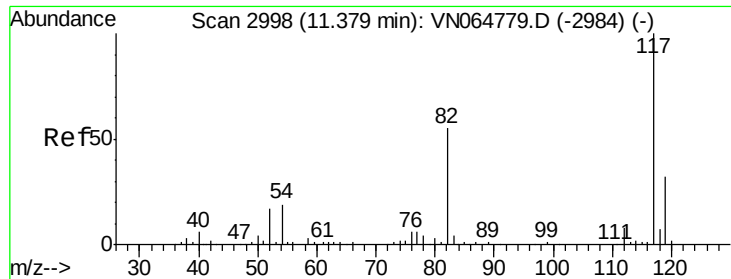
MMDadoda
 11/25/2020 3:57:40 PM



#62
 4-Bromofluorobenzene
 Concen: 49.013 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	131915		
174	81.1	0.0	160.4	
176	78.2	0.0	158.4	





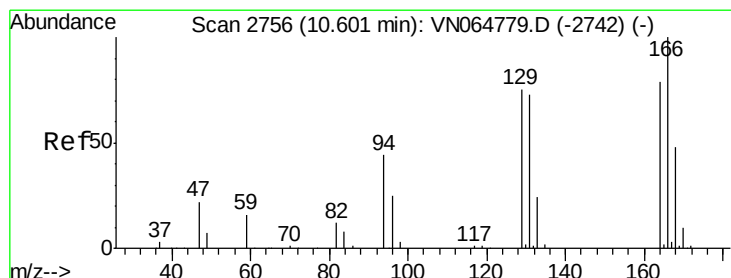
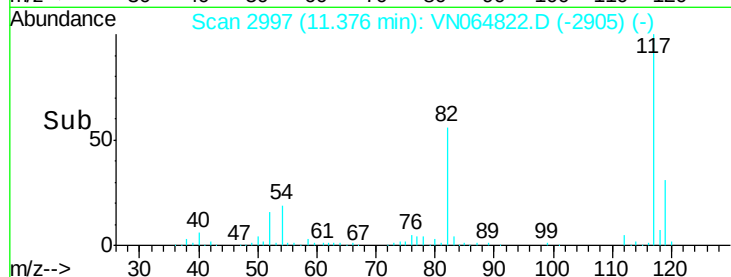
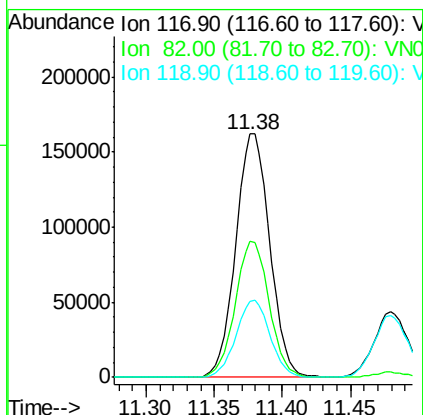
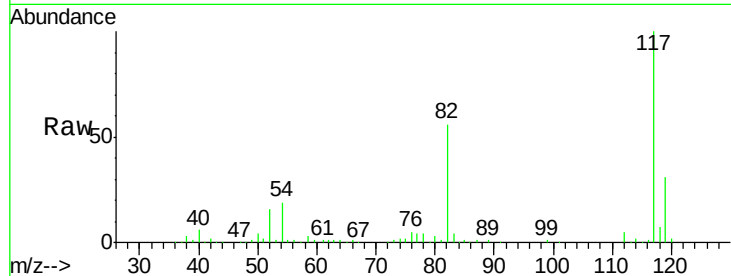
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.2	66.2
119	31.4	25.8	38.6

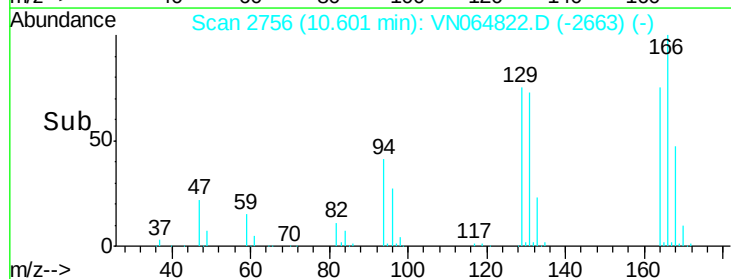
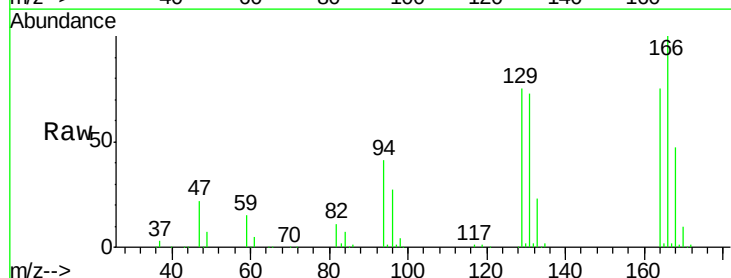
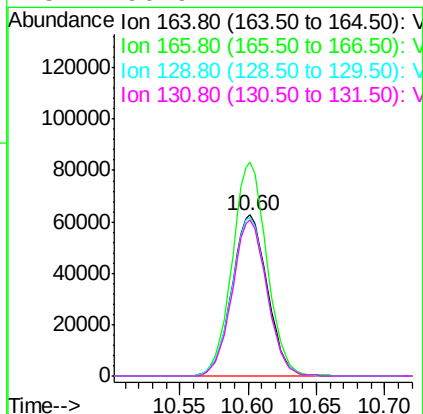
Manual Integrations
APPROVED

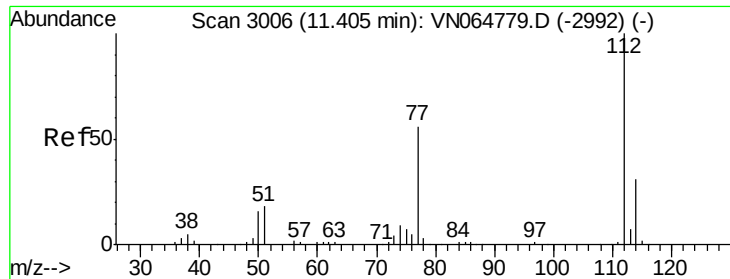
MMDadoda
11/25/2020 3:57:40 PM



#64
Tetrachloroethene
Concen: 41.073 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.7	101.4	152.0
129	99.0	76.1	114.1
131	96.9	74.2	111.2





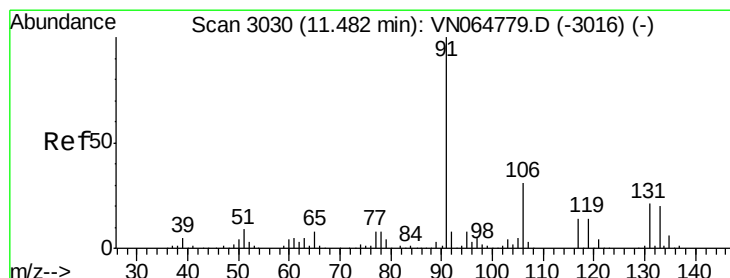
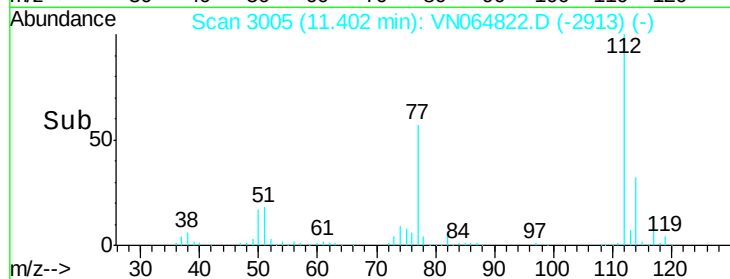
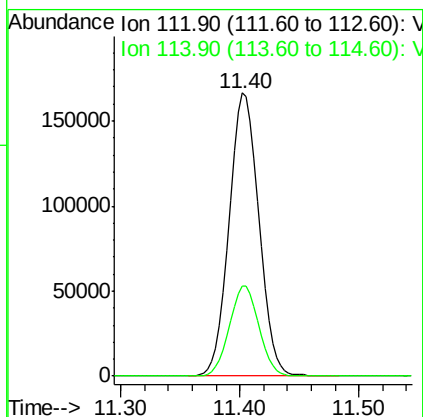
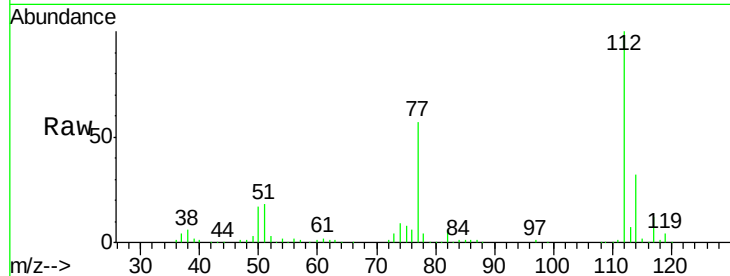
#65
Chlorobenzene
Concen: 47.772 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 288734
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7

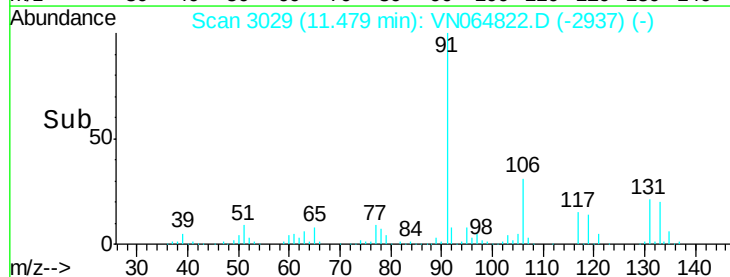
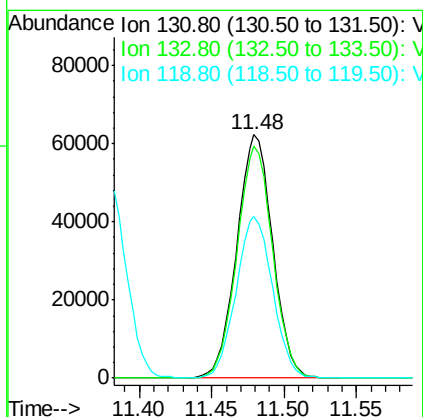
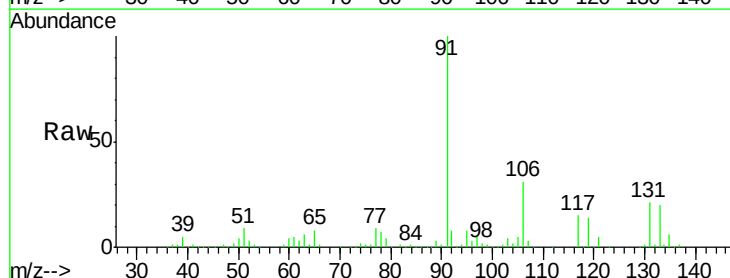
Manual Integrations
APPROVED

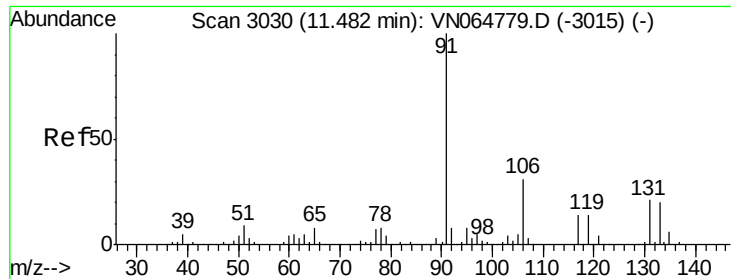
MMDadoda
11/25/2020 3:57:40 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.259 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion:131 Resp: 107193
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 67.5 33.3 99.8





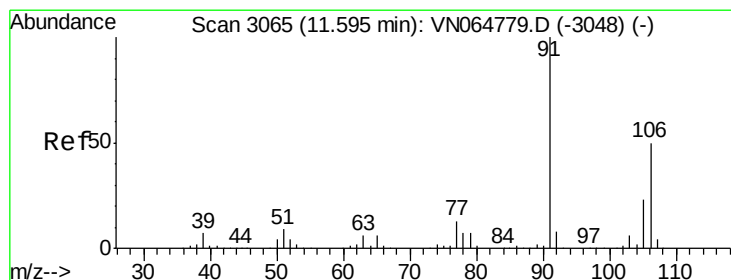
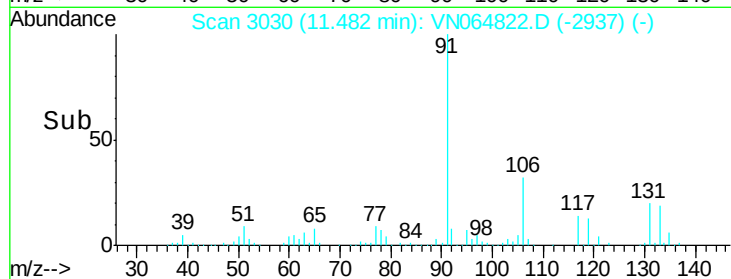
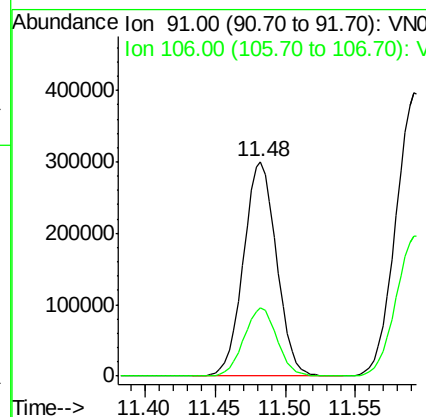
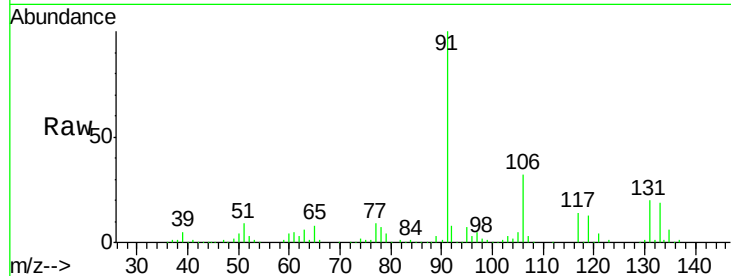
#67
Ethyl Benzene
Concen: 48.980 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 494549
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8

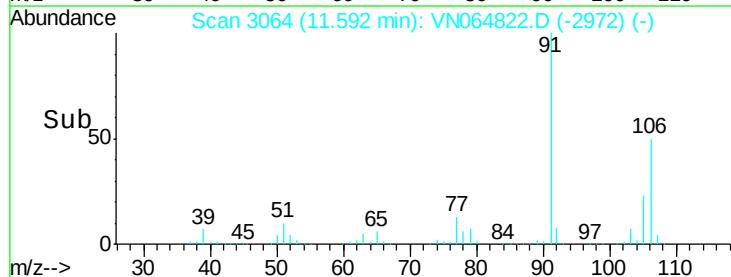
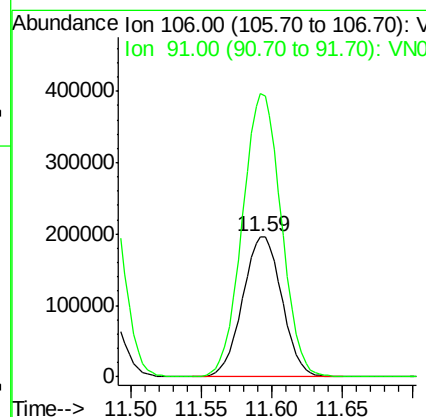
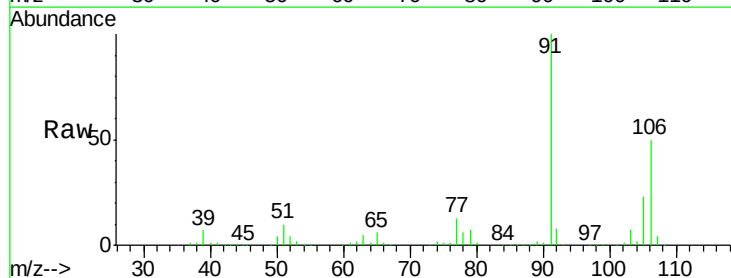
Manual Integrations
APPROVED

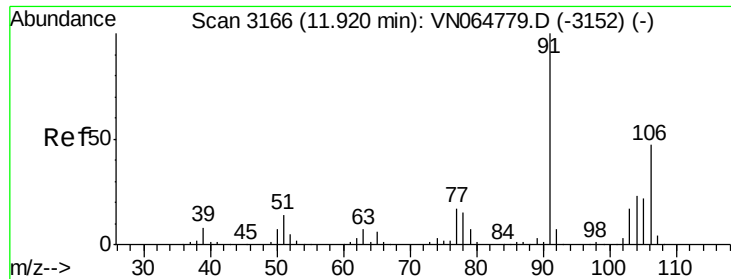
MMDadoda
11/25/2020 3:57:40 PM



#68
m/p-Xylenes
Concen: 100.079 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion: 106 Resp: 382578
Ion Ratio Lower Upper
106 100
91 200.0 161.0 241.4





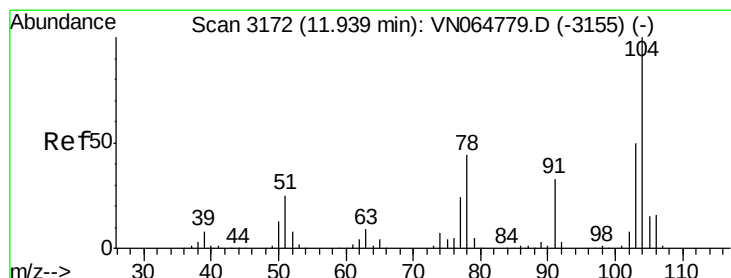
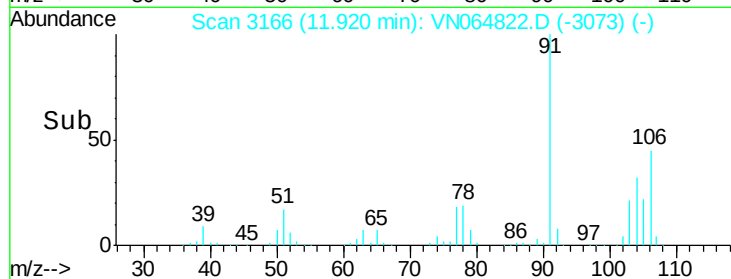
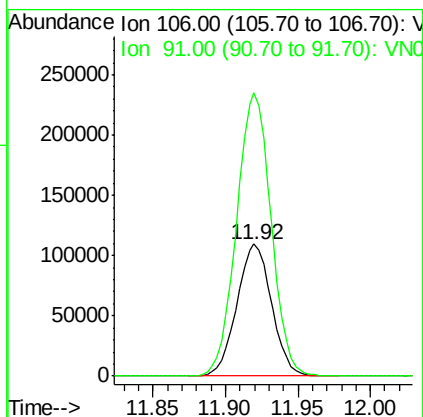
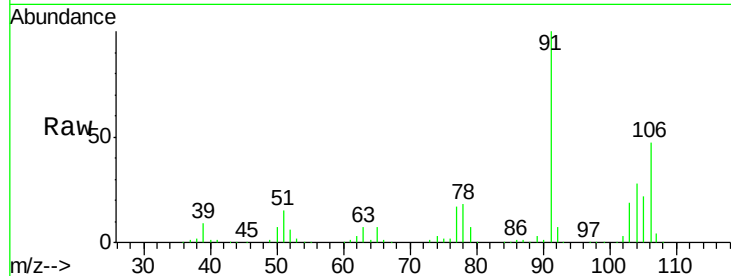
#69
o-Xylene
Concen: 50.166 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 181982
Ion Ratio Lower Upper
106 100
91 213.5 105.5 316.5

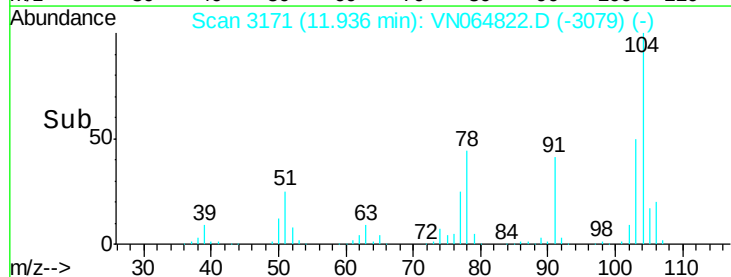
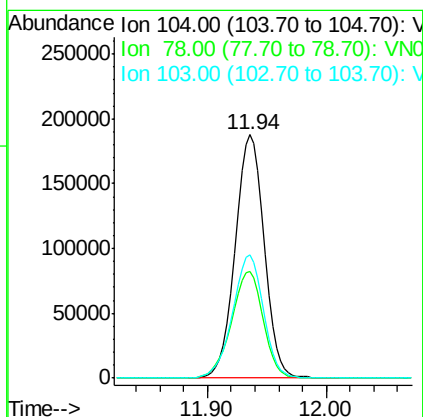
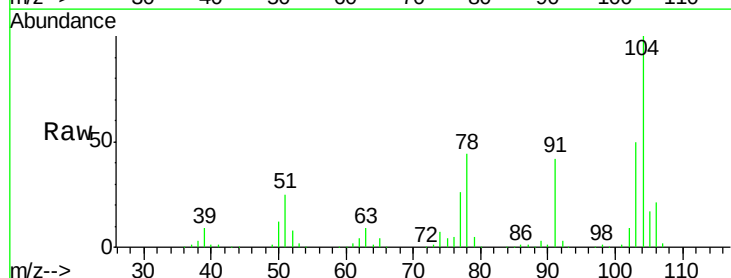
Manual Integrations
APPROVED

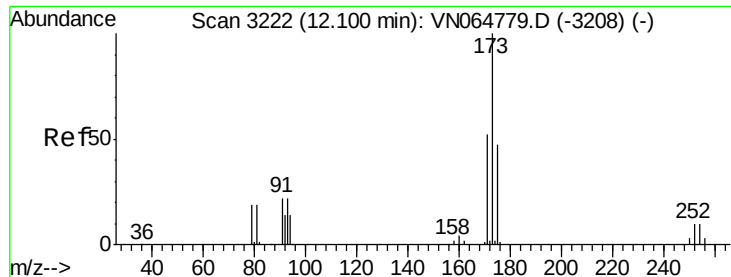
MMDadoda
11/25/2020 3:57:40 PM



#70
Styrene
Concen: 51.798 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion:104 Resp: 317209
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 54.0 44.3 66.5





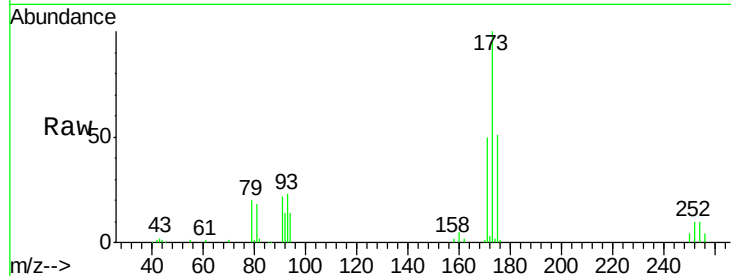
#71
Bromoform
Concen: 46.447 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

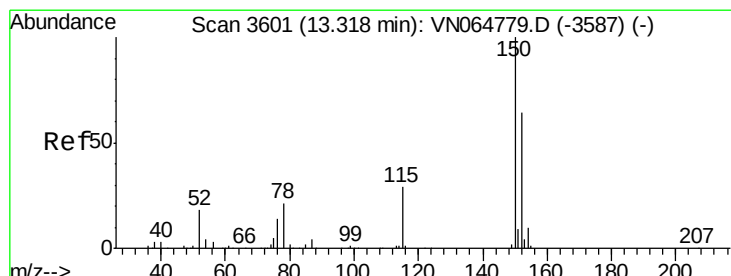
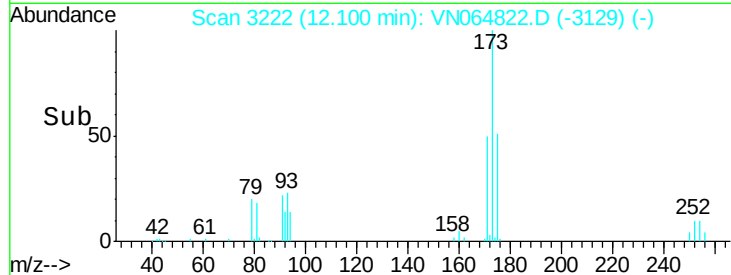
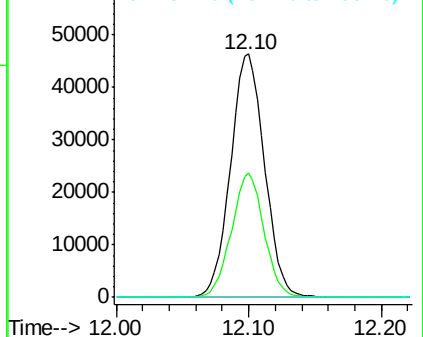
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:40 PM

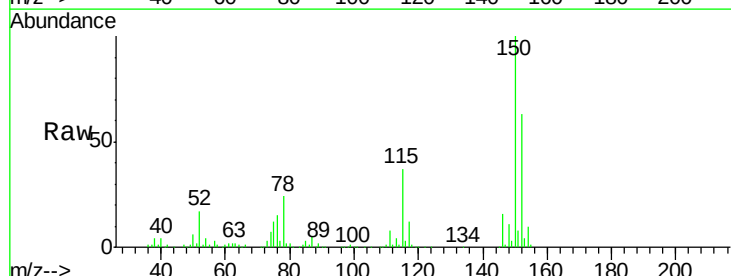


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

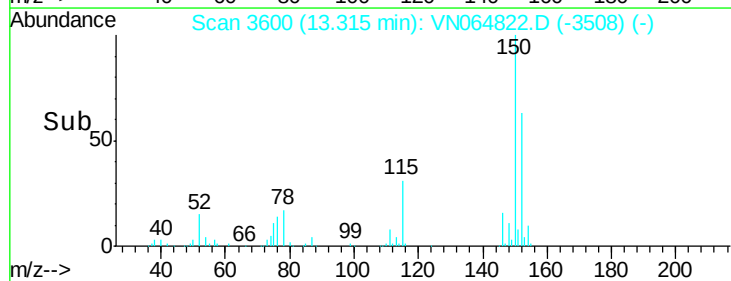
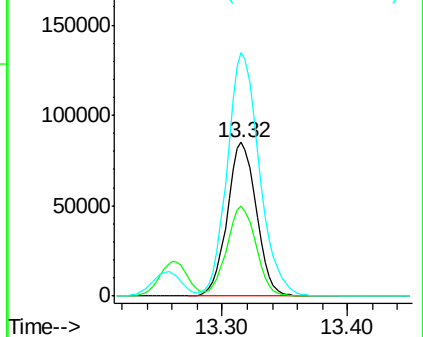


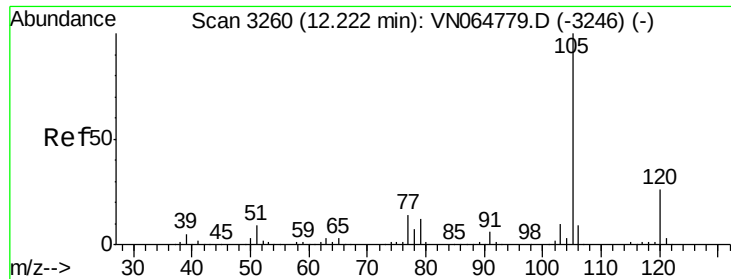
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.7	89.1
150	173.6	0.0	350.6



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





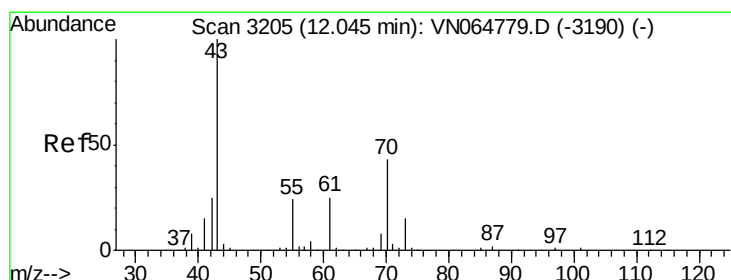
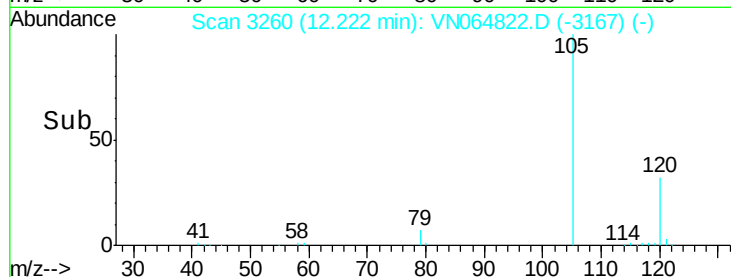
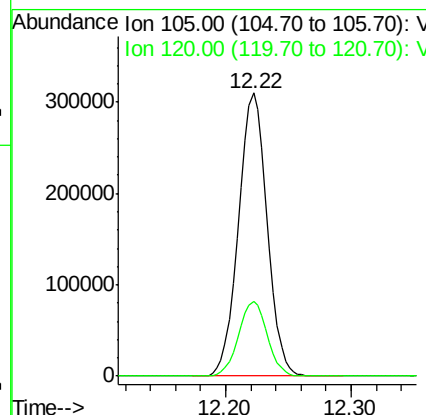
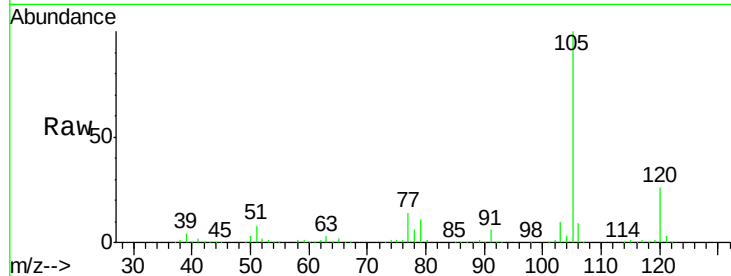
#73
Isopropylbenzene
Concen: 51.417 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.9

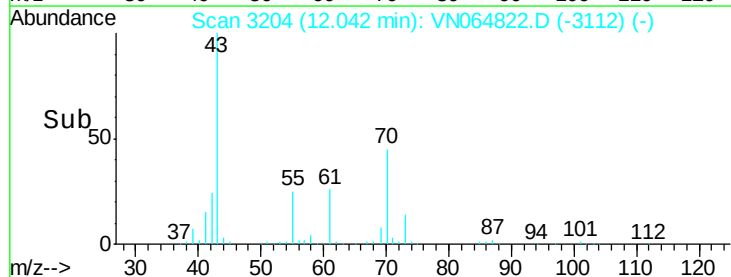
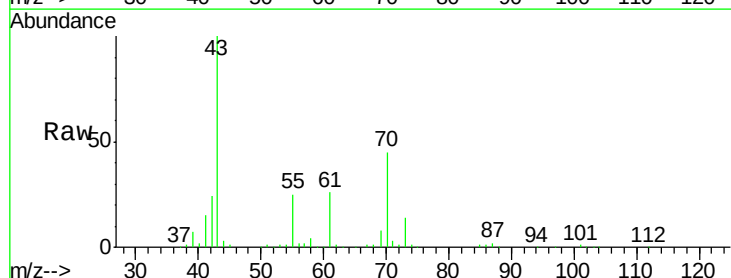
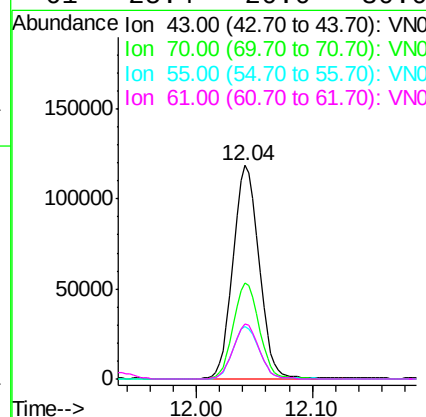
Manual Integrations
APPROVED

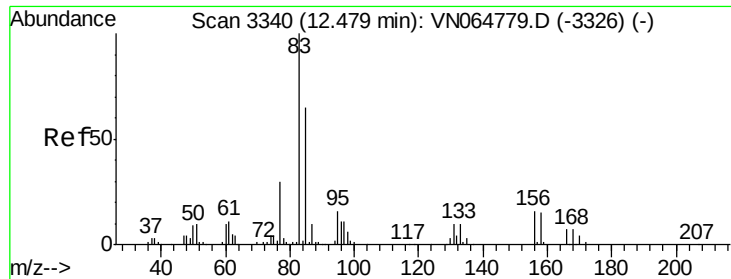
MMDadoda
11/25/2020 3:57:40 PM



#74
N-ethyl acetate
Concen: 49.112 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.5	34.5	51.7
55	24.8	20.4	30.6
61	25.4	20.0	30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.979 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

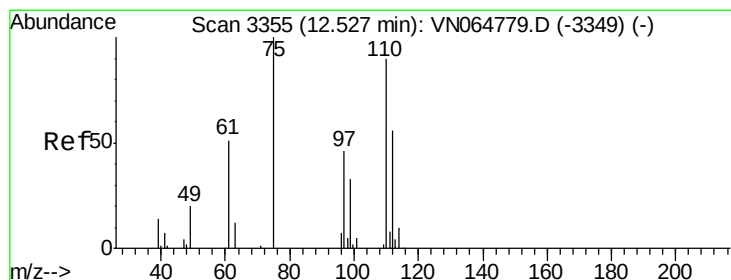
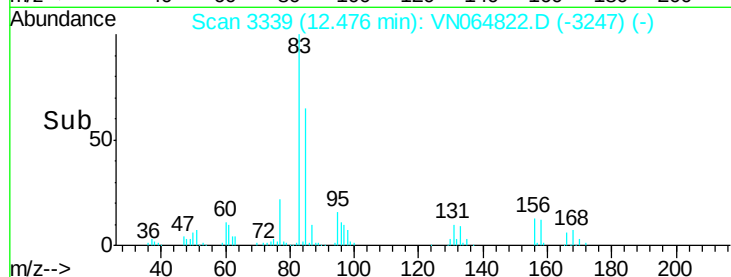
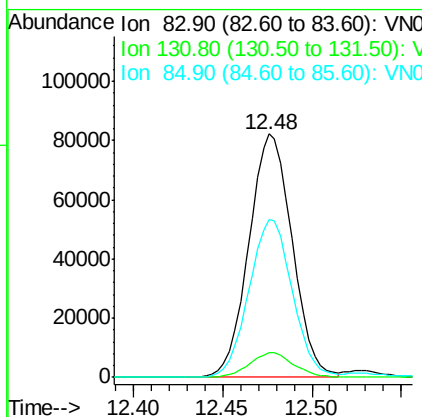
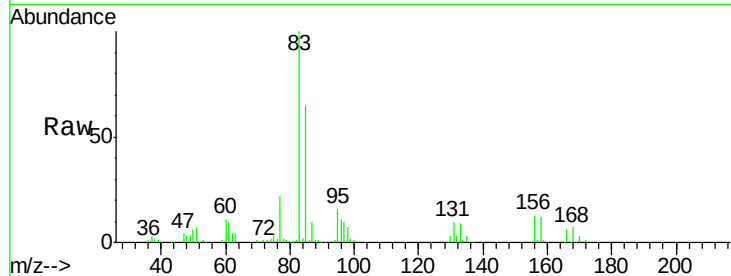
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	139671
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	65.1	33.0	99.0

Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:40 PM



#76

1,2,3-Trichloropropane

Concen: 46.217 ug/l m

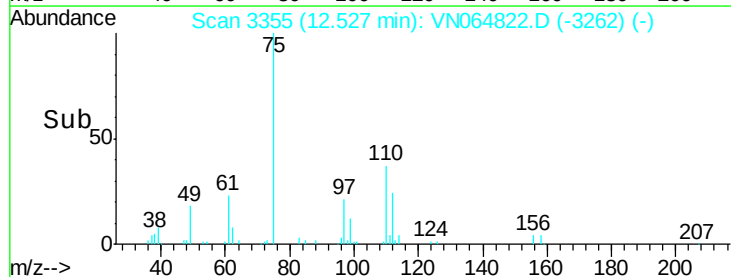
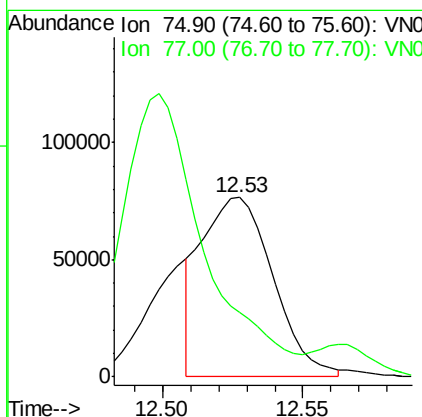
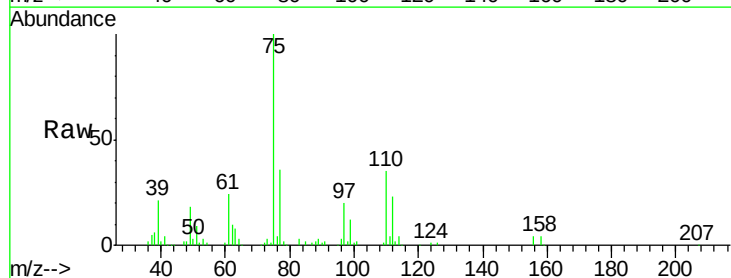
RT: 12.53 min Scan# 3355

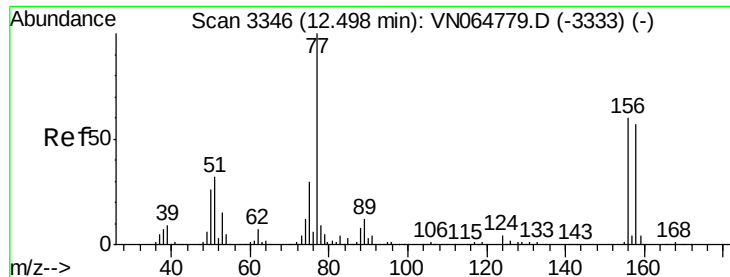
Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Tgt Ion:	75	Resp:	136433
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.647 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

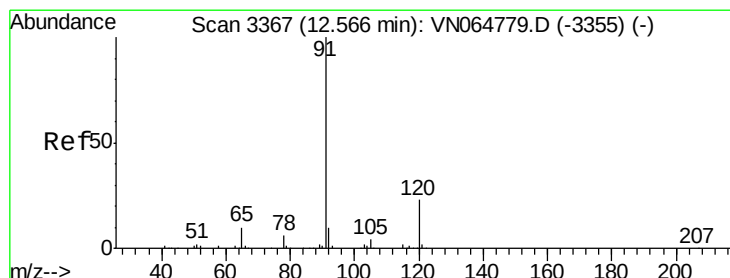
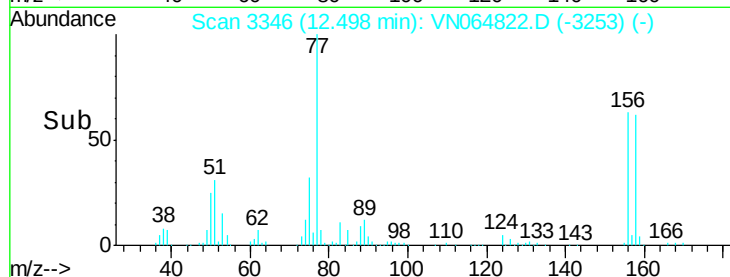
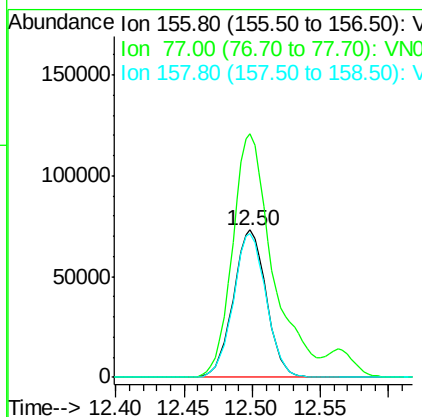
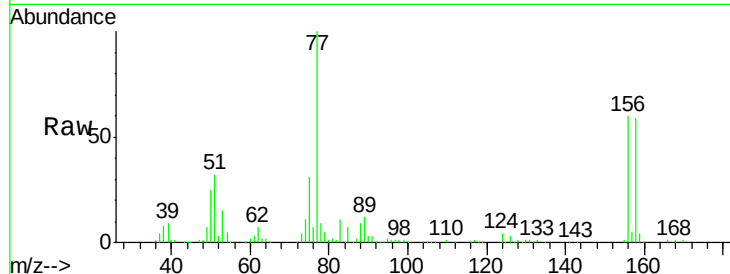
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	122477
Ion Ratio	Lower	Upper	
156	100		
77	202.1	101.3	303.7
158	97.5	48.2	144.6

Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:40 PM



#78

n-propylbenzene

Concen: 49.941 ug/l

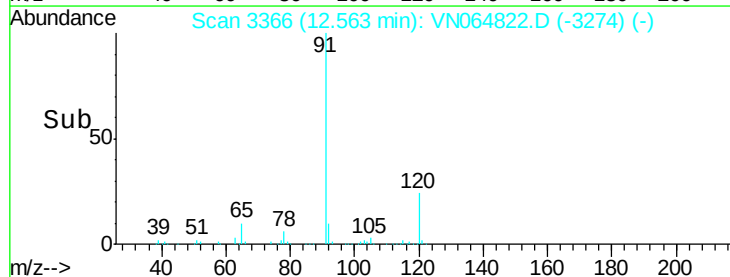
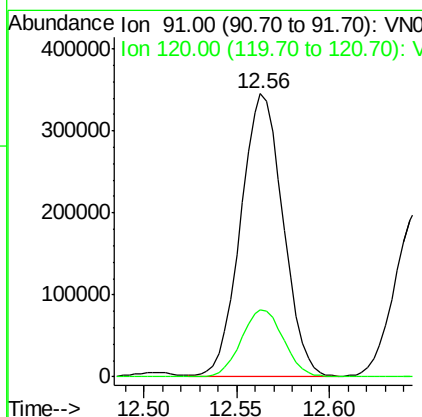
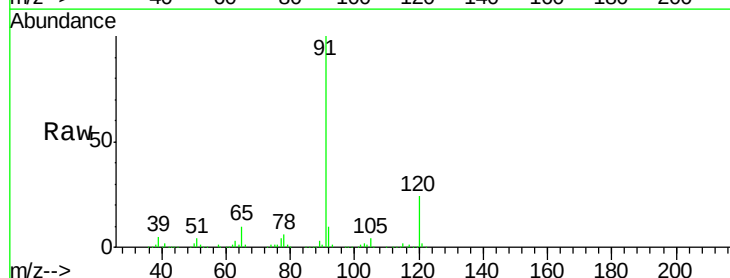
RT: 12.56 min Scan# 3366

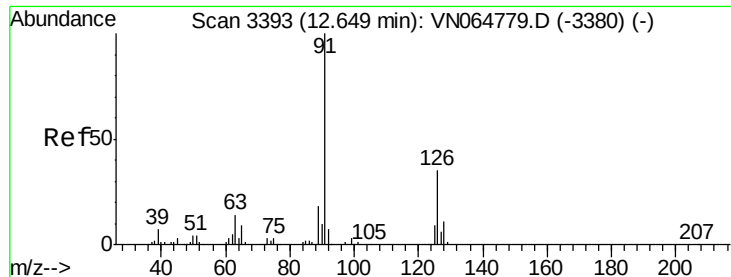
Delta R.T. -0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Tgt Ion:	91	Resp:	542449
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.6	34.7





#79

2-Chlorotoluene

Concen: 48.799 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 327638

Ion Ratio Lower Upper

91 100

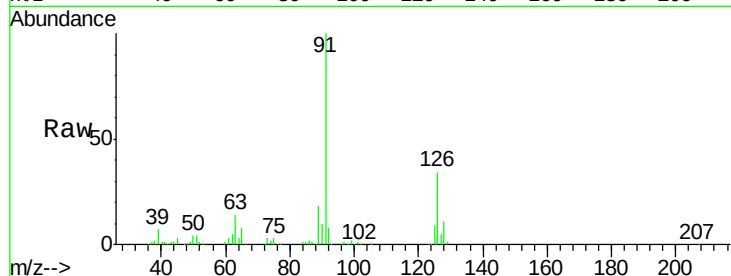
126 34.9 17.2 51.6

Manual Integrations

APPROVED

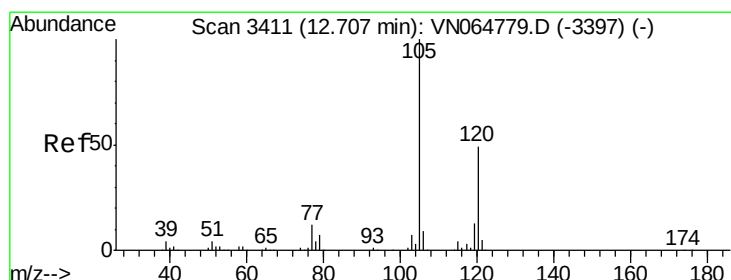
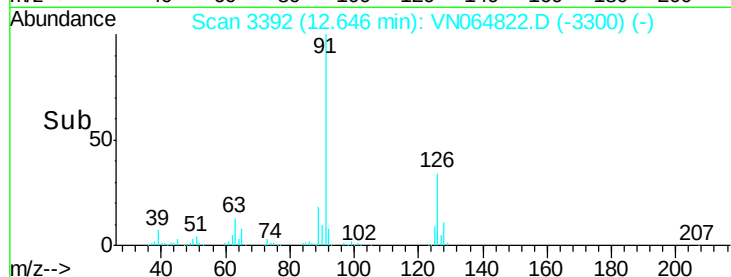
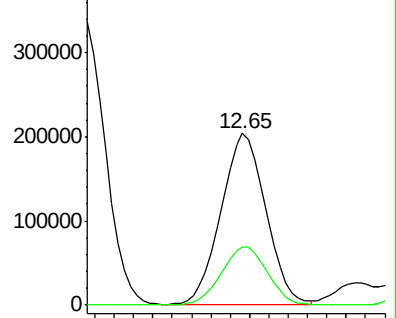
MMDadoda

11/25/2020 3:57:40 PM



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.319 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064822.D

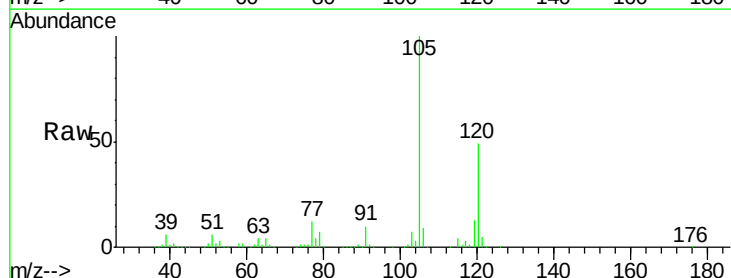
Acq: 24 Nov 2020 19:53

Tgt Ion: 105 Resp: 414631

Ion Ratio Lower Upper

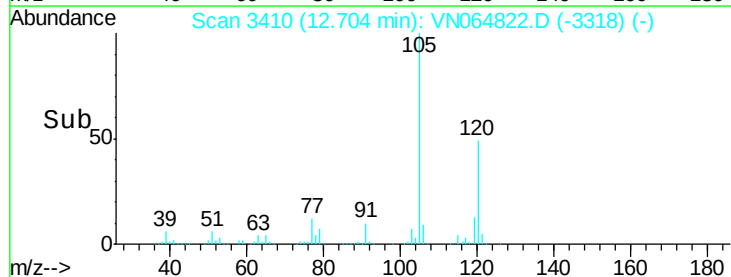
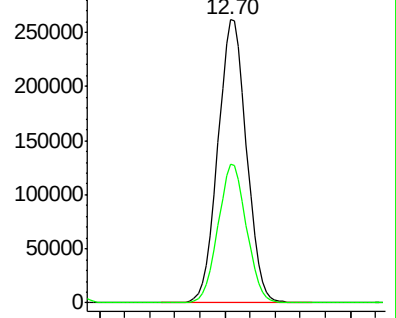
105 100

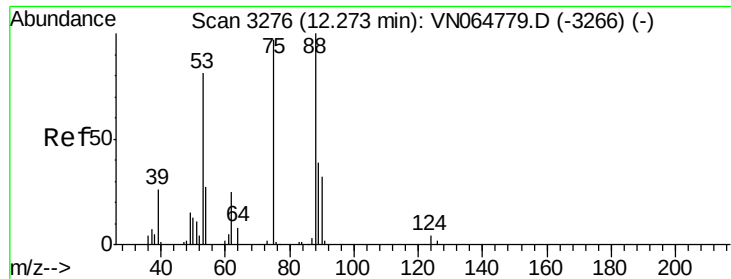
120 48.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.345 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

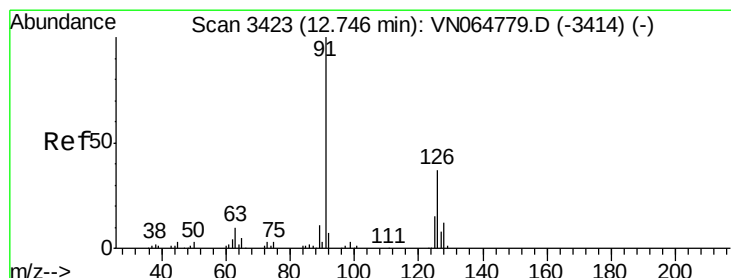
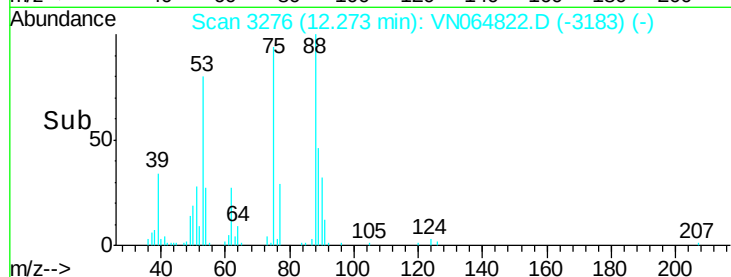
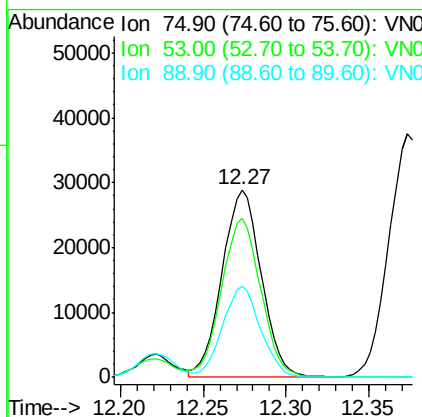
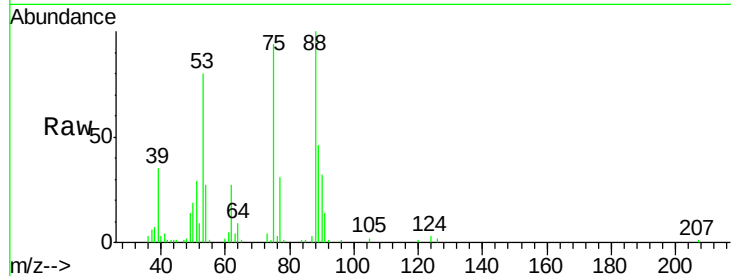
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	47763
Ion	Ratio	Lower	Upper
75	100		
53	84.9	67.0	100.4
89	46.8	39.6	59.4

Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:40 PM



#82

4-Chlorotoluene

Concen: 48.212 ug/l

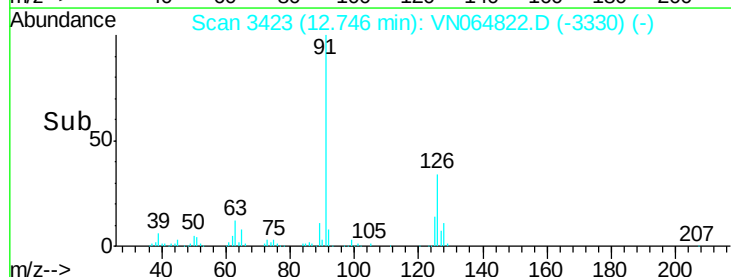
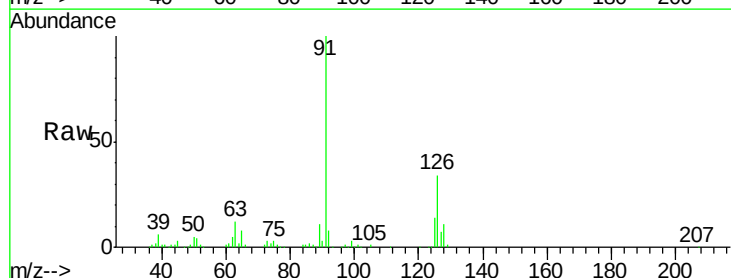
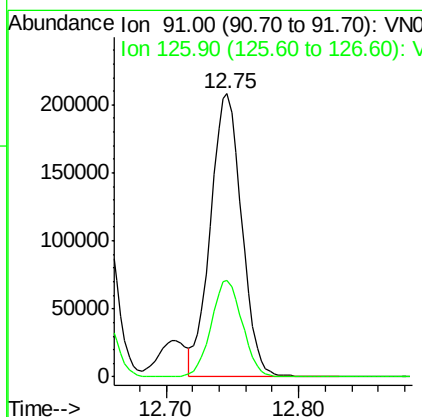
RT: 12.75 min Scan# 3423

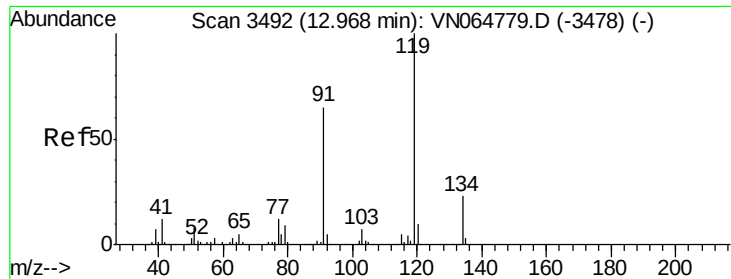
Delta R.T. 0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Tgt Ion:	91	Resp:	339300
Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.9	50.7





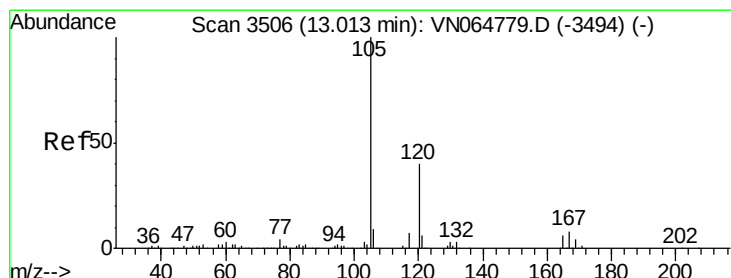
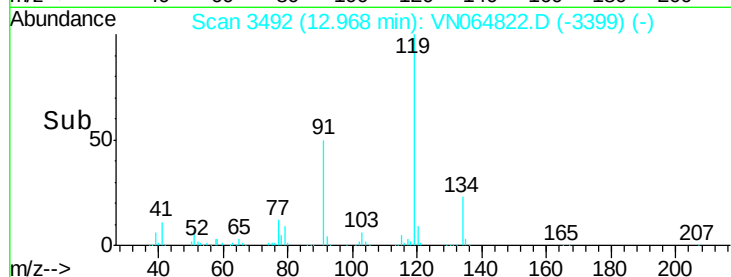
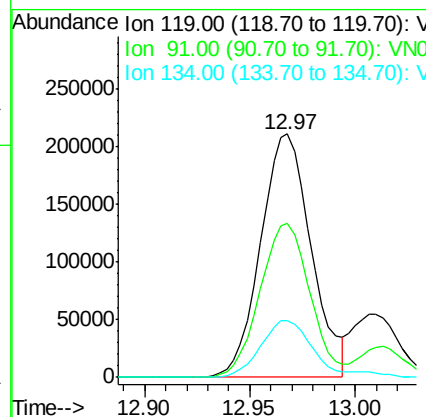
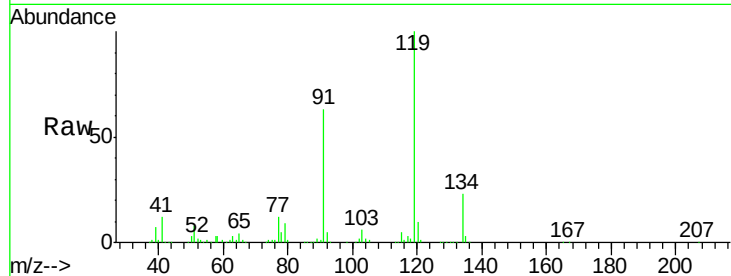
#83
 tert-Butylbenzene
 Concen: 52.987 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	351982		
91	62.2		32.3	96.8
134	25.0		12.6	37.6

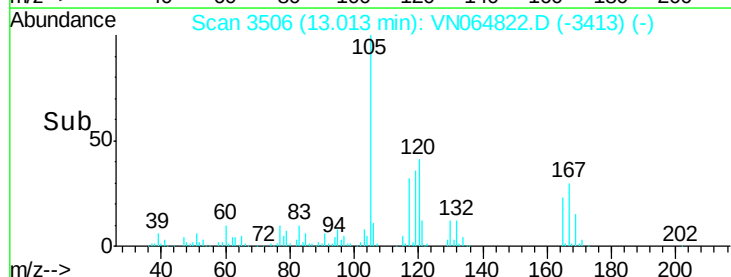
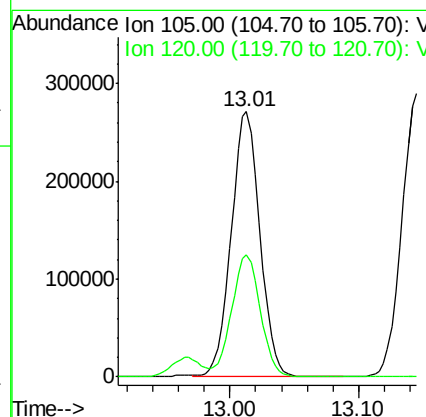
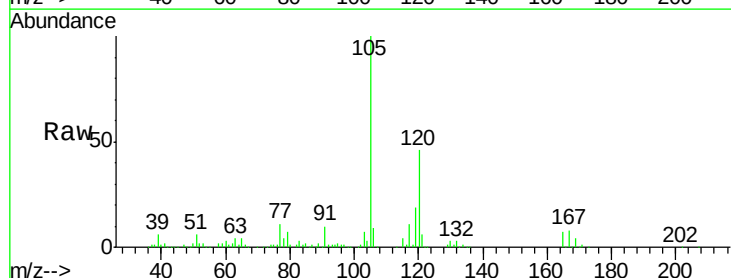
Manual Integrations
 APPROVED

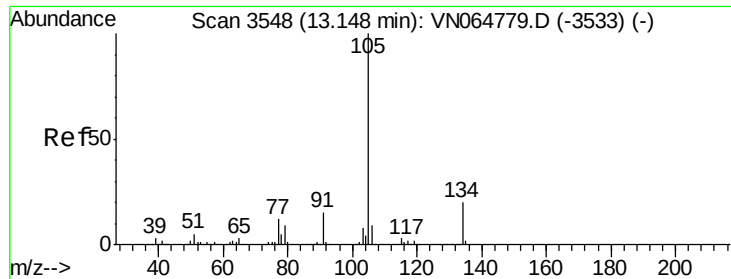
MMDadoda
 11/25/2020 3:57:40 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.959 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	416340		
120	46.2		23.1	69.2





#85

sec-Butylbenzene

Concen: 51.556 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 454715

Ion Ratio Lower Upper

105 100

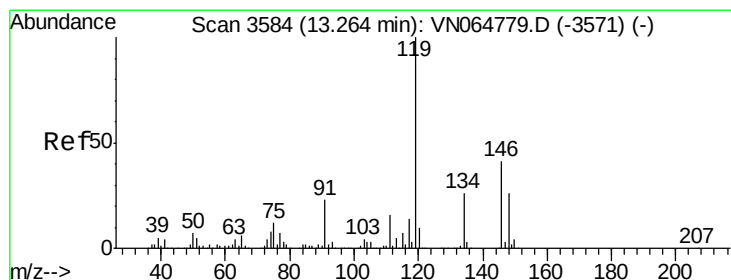
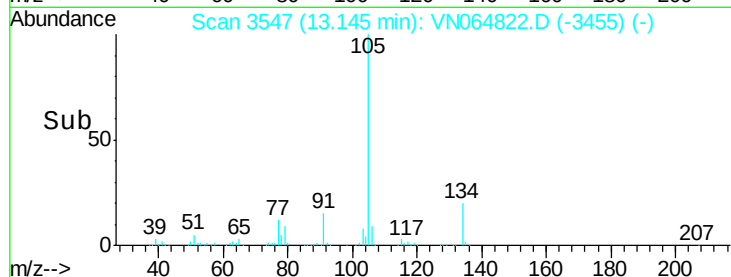
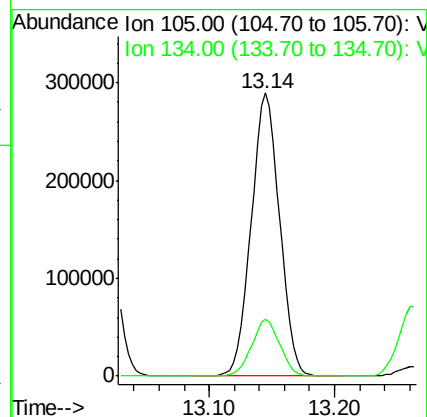
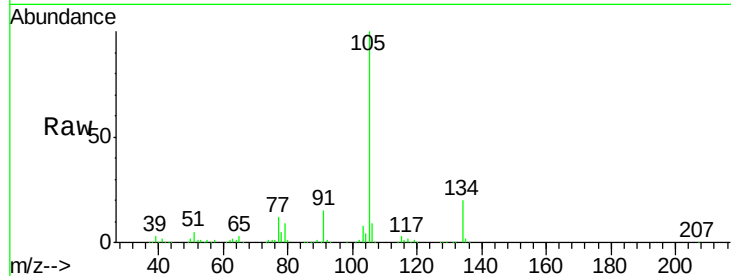
134 19.9 10.1 30.1

Manual Integrations

APPROVED

MMDadoda

11/25/2020 3:57:40 PM



#86

p-Isopropyltoluene

Concen: 52.926 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064822.D

Acq: 24 Nov 2020 19:53

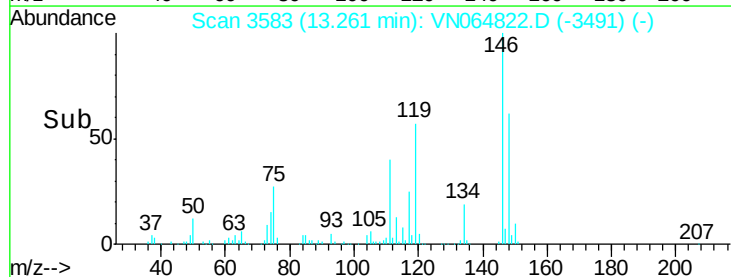
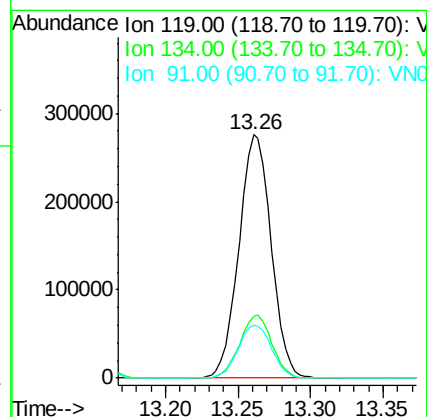
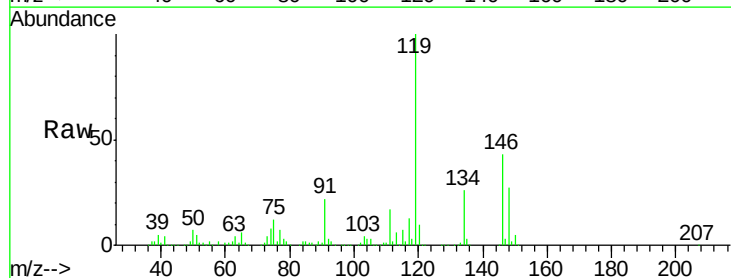
Tgt Ion:119 Resp: 424987

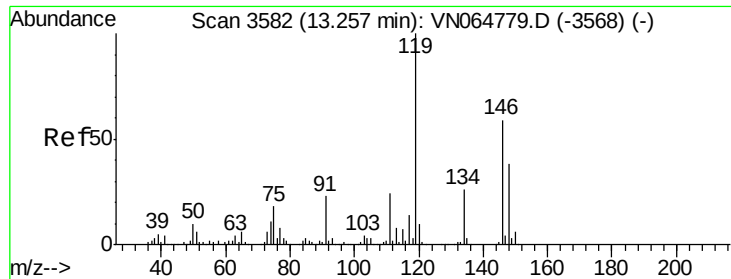
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.4 11.5 34.5





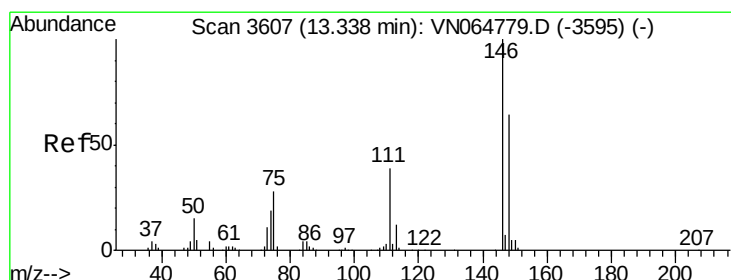
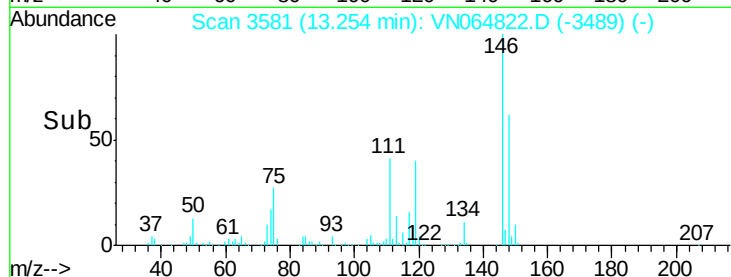
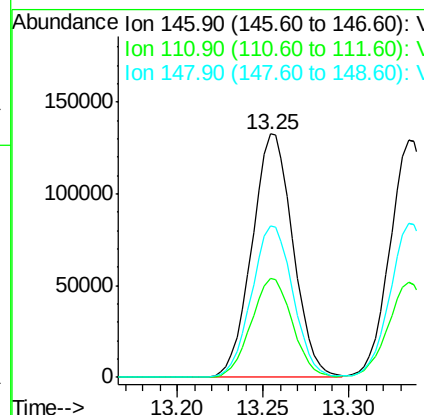
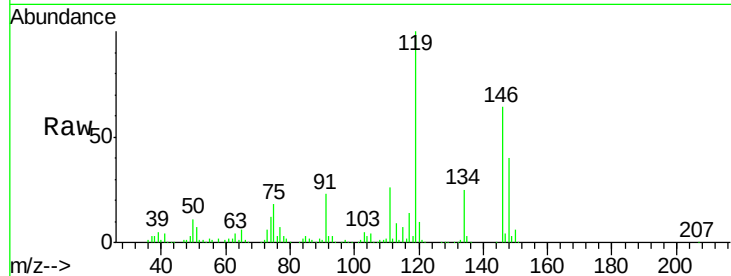
#87
 1,3-Dichlorobenzene
 Concen: 47.952 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	218993		
111	40.8	20.6	61.9	
148	62.9	31.9	95.5	

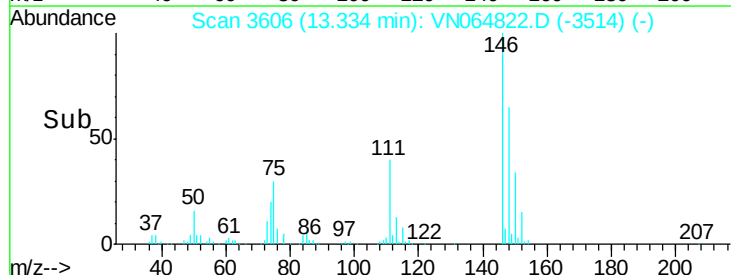
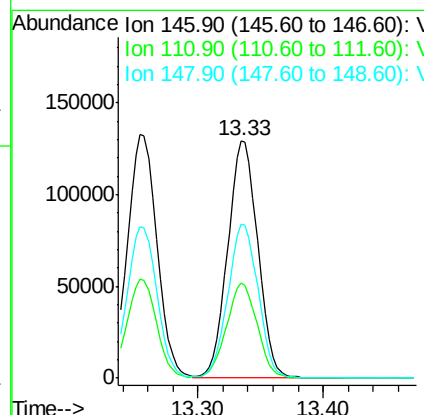
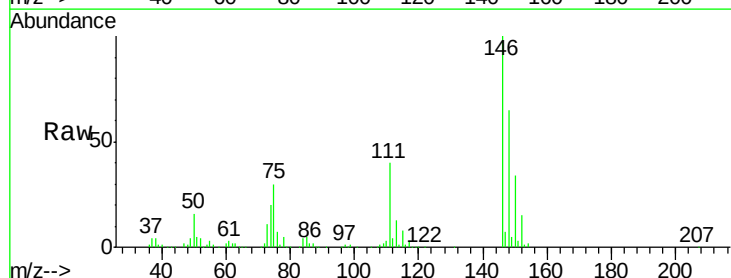
Manual Integrations
 APPROVED

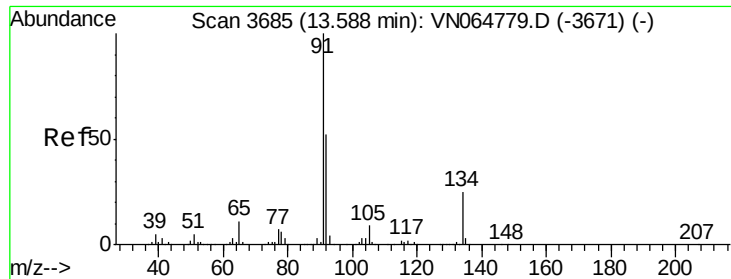
MMDadoda
 11/25/2020 3:57:40 PM



#88
 1,4-Dichlorobenzene
 Concen: 44.683 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	215806		
111	41.1	19.8	59.3	
148	65.5	31.9	95.5	





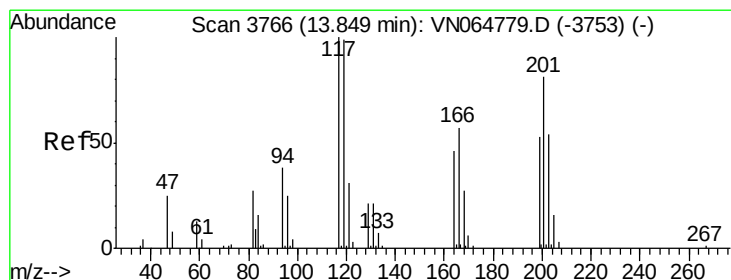
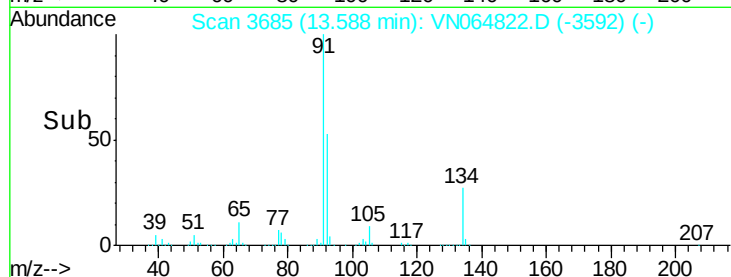
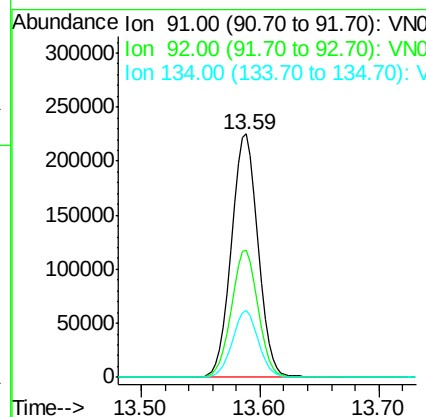
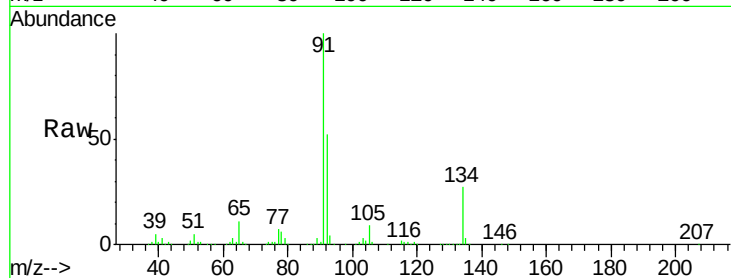
#89
n-Butylbenzene
Concen: 49.591 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	26.8	12.9	38.6

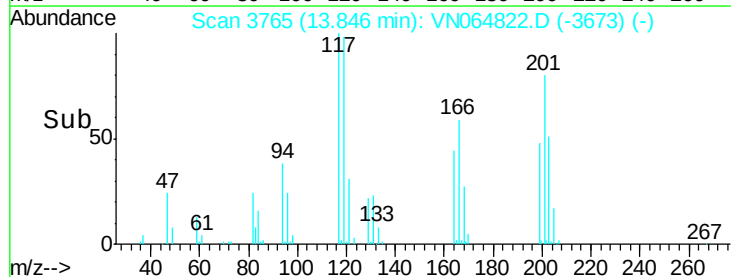
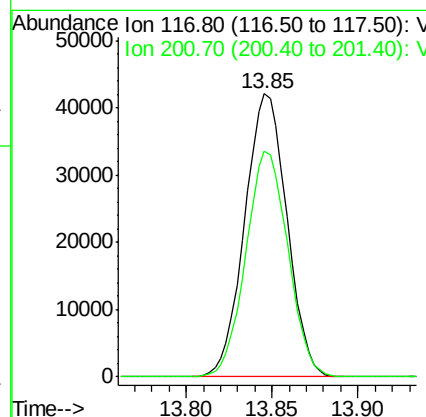
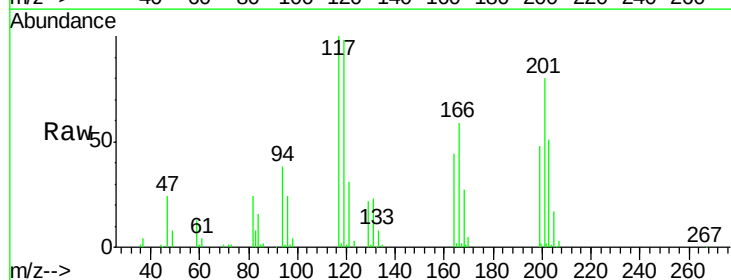
Manual Integrations
APPROVED

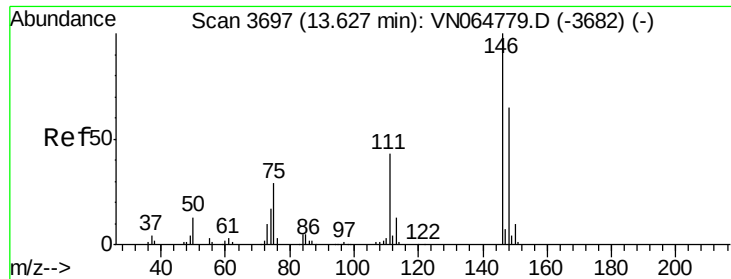
MMDadoda
11/25/2020 3:57:40 PM



#90
Hexachloroethane
Concen: 51.286 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	40.1	120.3





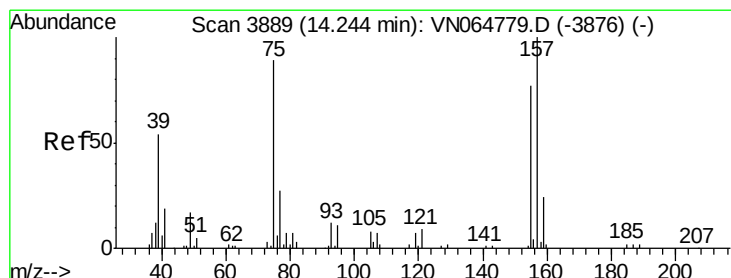
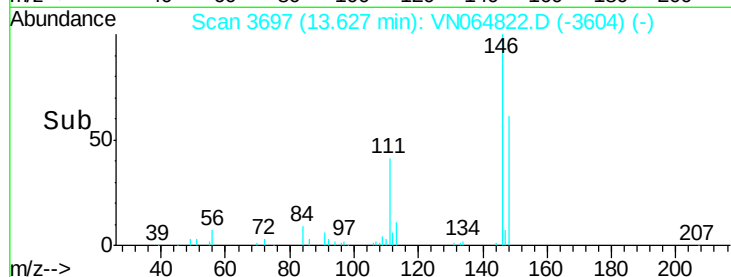
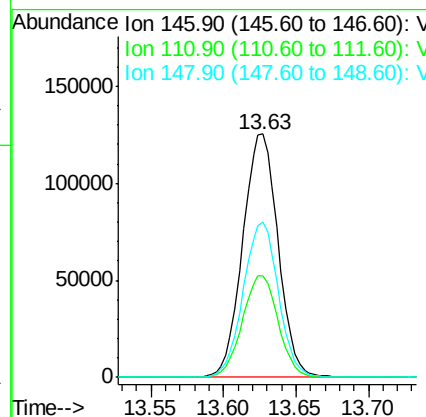
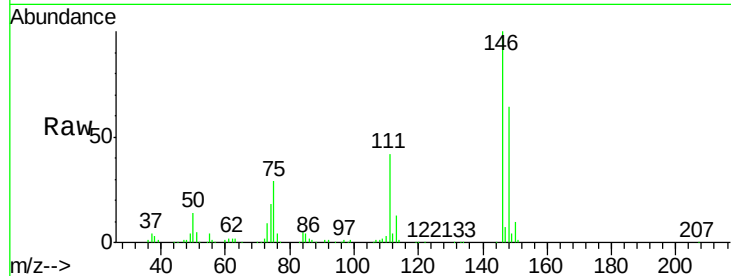
#91
 1,2-Dichlorobenzene
 Concen: 47.523 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.1
148	63.4	32.0	96.2

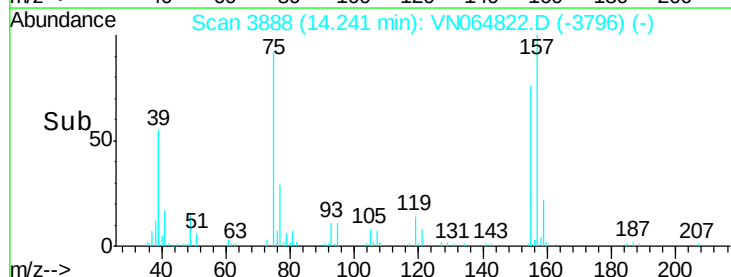
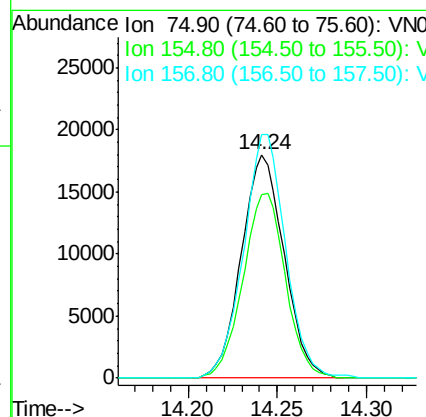
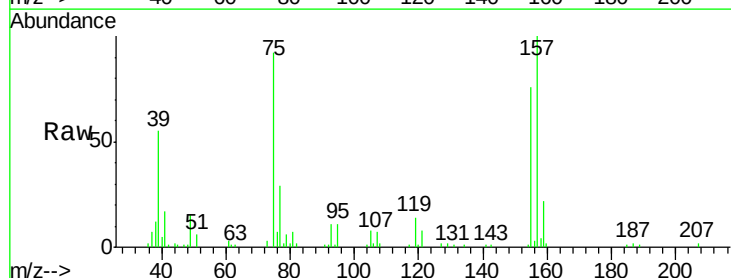
Manual Integrations
 APPROVED

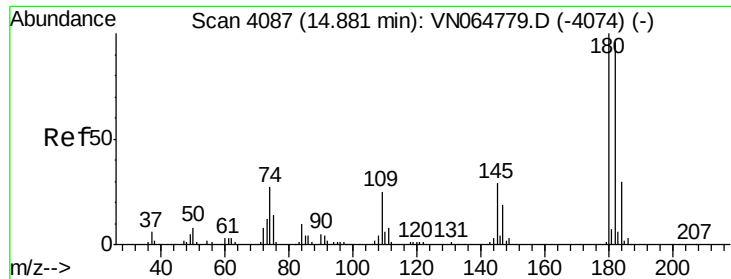
MMDadoda
 11/25/2020 3:57:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.973 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.0	42.8	128.3
157	107.6	56.4	169.1





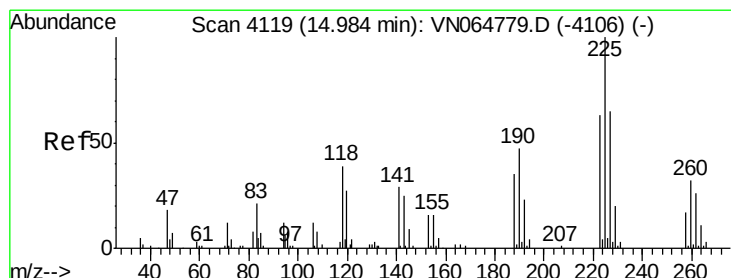
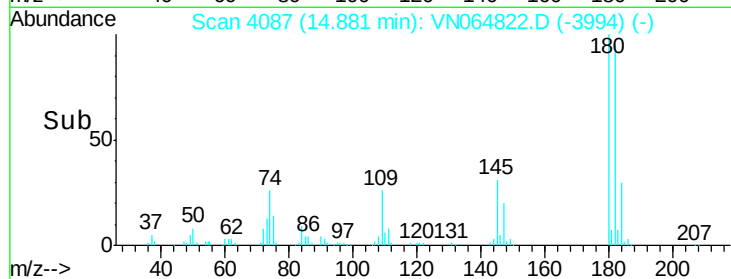
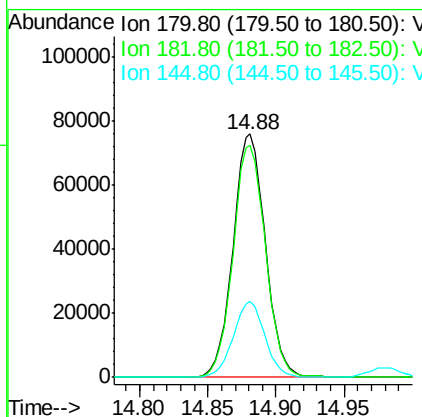
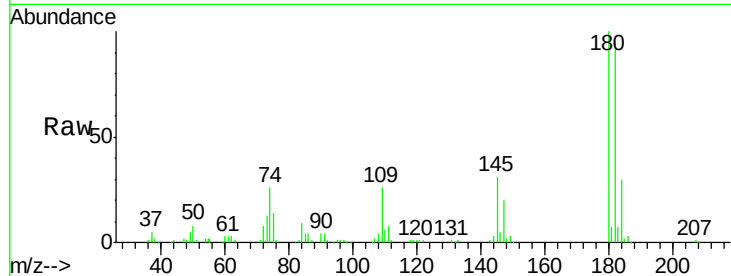
#93
 1,2,4-Trichlorobenzene
 Concen: 45.125 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.9
145	30.4	15.3	45.8

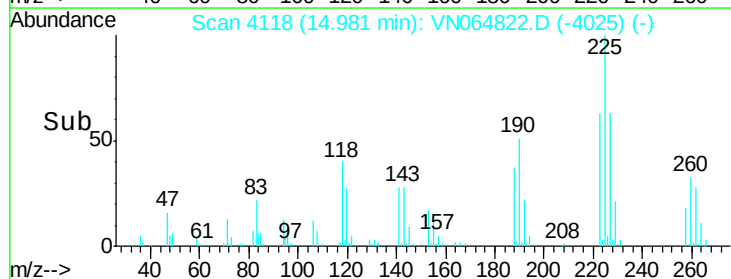
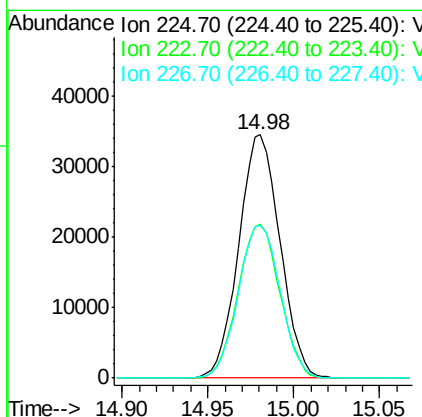
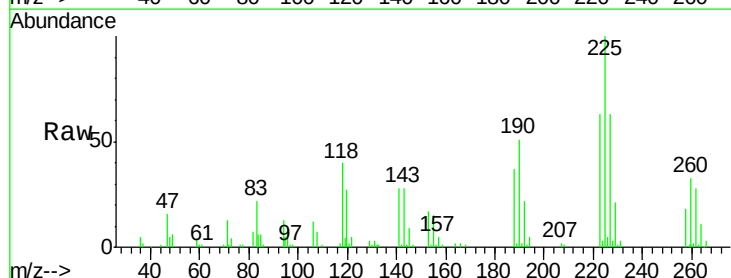
Manual Integrations
 APPROVED

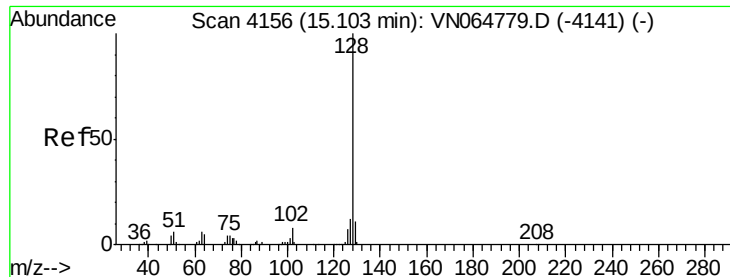
MMDadoda
 11/25/2020 3:57:40 PM



#94
 Hexachlorobutadiene
 Concen: 46.154 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064822.D
 Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.0	93.0
227	63.7	32.0	96.0





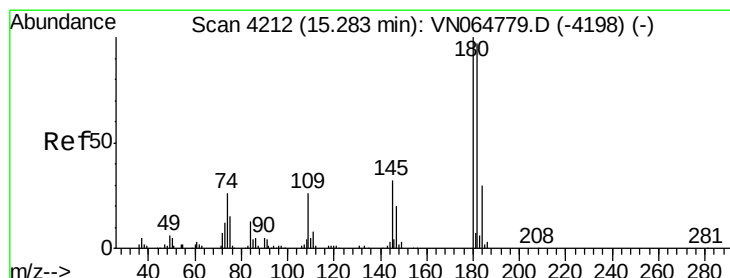
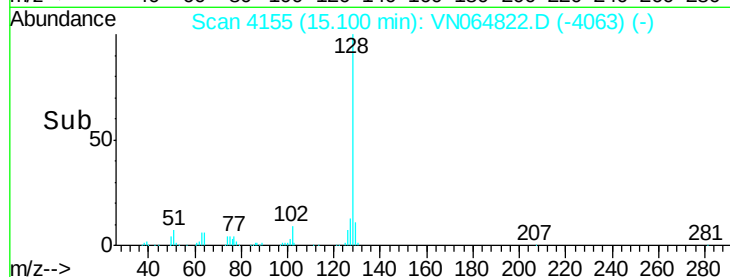
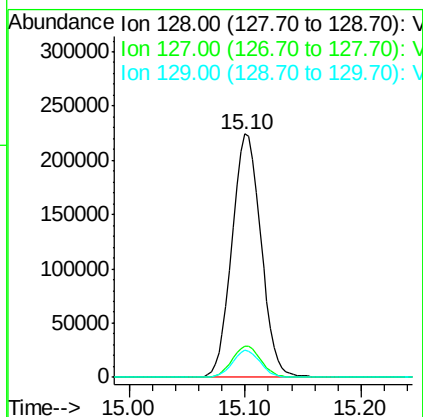
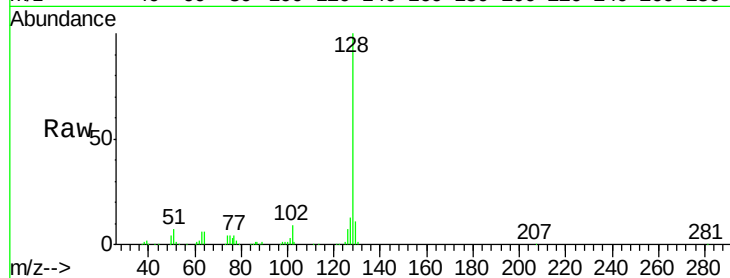
#95
Naphthalene
Concen: 46.742 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/25/2020 3:57:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.906 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN064822.D
Acq: 24 Nov 2020 19:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.1	144.4
145	31.6	16.4	49.1

